

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>AN ELECTRONIC EXAMINATION OF THE</b>	)	
<b>APPLICATION OF THE FUEL</b>	)	
<b>ADJUSTMENT CLAUSE OF KENTUCKY</b>	)	<b>CASE NO. 2021-00055</b>
<b>UTILITIES COMPANY FROM NOVEMBER</b>	)	
<b>1, 2018 TO OCTOBER 31, 2020</b>	)	

**RESPONSE OF**  
**KENTUCKY UTILITIES COMPANY**  
**TO**  
**COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION**  
**DATED MARCH 4, 2021**

**FILED: MARCH 22, 2021**









VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 )  
COUNTY OF JEFFERSON )

The undersigned, **Stuart A. Wilson**, being duly sworn, deposes and says that he is Director, Energy Planning, Analysis & Forecasting for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



\_\_\_\_\_  
**Stuart A. Wilson**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 17<sup>th</sup> day of March 2021.



\_\_\_\_\_  
Notary Public

Notary Public ID No. 603967

My Commission Expires:

**July 11, 2022**

\_\_\_\_\_

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 1**

**Responding Witness: Delbert Billiter**

Q-1. For the period from May 1, 2020, to October 31, 2020 (the last six months of the period under review), provide the amount of coal purchased in tons and the percentage of purchases that were spot versus contract.

A-1. During the review period KU purchased 2,789,164 tons of coal.

Spot:           0%           (0 tons)

Contract:      100%       (2,789,164 tons)

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 2**

**Responding Witness: Delbert Billiter**

- Q-2. For the last six months of the period under review, list each coal purchase made under a long-term contract (one year or greater). For each purchase, list:
- a. Contract or purchase order number;
  - b. The supplier's name;
  - c. The location(s) of production facilities from which the coal is sourced;
  - d. The method of delivery, (i.e., barge, truck, rail, other);
  - e. The actual quantity received during the review period; and
  - f. Current price paid per ton.
- A-2. See attached. For the last six months of the period under review, Page 1 of the attachment shows only the actual quantity received by KU under each contract, and Page 2 shows the actual combined quantity received by KU and LG&E under each contract.





<b>May 1, 2020 through October 31, 2020</b>						
<b>( a )</b>	<b>( b )</b>	<b>( c )</b>	<b>( d )</b>	<b>( e )</b>	<b>( f )</b>	<b>( g )</b>
<b>Contract/PO</b>	<b>Supplier</b>	<b>Location of Production Facility</b>	<b>Delivery Method</b>	<b>Actual Quantity Received</b>	<b>Tonnage Requirement*</b>	<b>Current Price** (\$/ton)</b>
J16006B	ACNR Coal Sales, Inc	IL, WV	Barge	90,615	111,723	\$40.39-IL, \$39.39-WV
J16017C	ACNR Coal Sales, Inc	W-KY	Rail, Barge	53,860	57,531	\$41.60
J17004B	ACNR Coal Sales, Inc	IL	Barge	158,292	221,462	\$40.90-IL, \$39.90-WV
J18002C	ACNR Coal Sales, Inc	W-KY	Rail, Barge	149,125	271,217	\$44.98-B, \$44.98-R
J14001B	Alliance Coal LLC	W-KY	Barge	185,178	200,000	\$39.45
J18003	Alliance Coal LLC	W-KY	Barge	485,361	500,000	\$42.42
J18009	Alliance Coal LLC	W-KY, WV	Barge	1,161,566	1,250,000	\$38.93-KY, \$41.15-WV
J19001	Alliance Coal LLC	W-KY	Rail	422,267	500,000	\$41.00-Dotiki; \$42.10 Warrior
J20002	Arch Coal Sales Company Inc.	WY	Barge	334,557	275,000	\$12.44
J20001	Contura Coal Sales LLC	PA	Barge	36,903	50,000	\$40.60
J18001	Hartshorne Mining Group LLC	W-KY	Barge	165,910	333,333	\$40.50
J18005	Knight Hawk Coal, LLC	IL	Barge	236,228	250,000	\$36.94
J19003	Peabody COALSLES LLC	IN	Barge, Rail	257,663	250,000	\$41.10-B, \$38.80-R
J16006	The American Coal Company	IL, WV	Barge	207,926	209,888	\$40.39-IL, \$39.39-WV
J17004	The American Coal Company	IL	Barge	668,602	653,538	\$40.9-IL
J19004	Western Kentucky Minerals, Inc	W-KY	Barge	22,616	-	\$38.50
J20006	Western Kentucky Minerals, Inc	W-KY	Barge	142,308	142,857	\$37.41
J16017B	Western Ky Consolidated Resources, LLC	W-KY	Rail, Barge	117,153	118,271	\$41.60
J18002B	Western Ky Consolidated Resources, LLC	W-KY	Rail, Barge	405,586	457,447	\$42.32
J19002	White Stallion Energy LLC	IL	Barge	171,697	153,734	\$41.13
				5,473,410	6,006,001	
*Tonnage Requirement is a ratable volume for combined LG&E and KU coal station shipments						
**Prices vary by source/transportation type. Prices as of 10/31/20						
						<b>Attachment to Response to Question No. 2</b>
						<b>BILLITER</b>
						<b>Page 2 of 2</b>

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 3**

**Responding Witness: Delbert Billiter**

Q-3.

- a. As of the last day of the review period, state the coal inventory level in tons, and in number of days' supply. Provide this information by generating station and in the aggregate.
- b. Describe the criteria used to determine the number of days' supply.
- c. State the target coal inventory level for each generating station, and for the total system.
- d. If actual coal inventory exceeds the target inventory by ten days' supply, state the reasons for the excessive inventory.
- e.
  - (1) State whether any significant changes in the current coal inventory target are expected within the next 12 months.
  - (2) If so, state the expected change, and the reasons for this change.

A-3. a. As of October 31, 2020:

EW Brown	93,103 Tons; 23 Days	Target 33-63 Days
Ghent <sup>1</sup>	572,600 Tons; 27 Days	Target 20-40 Days
Trimble County <sup>2,3</sup>	275,117 Tons; 38 Days	Target 21-43 Days
<b>Total</b>	<b>940,820 Tons; 30 Days</b>	<b>Target 22-44 Days</b>

<sup>1</sup>Inventory listed for Ghent does not include the 200,000 tons sold to the Refined Coal facility operator that remains in the onsite coal pile, as previously discussed in Case No. 2015-00264.

<sup>2</sup>Inventory listed for Trimble County does not include the 42,600 tons sold to the Refined Coal facility operator that remains in the onsite coal pile, as previously discussed in Case No. 2015-00264.

<sup>3</sup>Trimble County coal inventory tons are KU's allocated ownership of both PRB and high sulfur coals used for Trimble County Unit 2. The days in inventory and target range are calculated on a combined basis regardless of ownership.

- b. The method of calculating days in inventory is based on each plant's coal burn capability (coal tons in inventory divided by 90% of each generating unit's heat input description from its air permit to operate).

Upper and lower days of inventory targets were established for each plant taking into consideration the plant's operating parameters. Each plant's "least cost" inventory range is established annually during the planning process taking into account the risk of coal delivery disruptions, potential coal burn volatility, procurement reaction time for short term coal supply, cost of unserved energy, and current coal and electricity prices.

- c. See (a) above.
- d. No station's inventory exceeds the target amount by ten days. Note that the listed inventory level at Brown (23 days) is below the lower target by ten days. Due to the unpredictability of the dispatch of E.W. Brown Unit 3 and the scheduling limitations of the railroad, coal deliveries are bunched together resulting in inventory cycling between high and low levels. The delivery cycle started in late October and inventory onsite on November 30, 2020 was 39 days.
- e. (1) KU does not expect significant changes to its current coal inventory target levels; however, during the Companies' planning cycle, minor adjustments may be made to the inventory targets if warranted.  
  
(2) Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 4**

**Responding Witness: Delbert Billiter**

Q-4. List each written coal-supply solicitation issued during the last six months of the period under review.

- a. For each solicitation, provide the date of the solicitation, the type of solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
- b. For each solicitation, state the number of vendors to whom the solicitation was sent, the number of vendors who responded, and the selected vendor(s). Provide the bid tabulation sheet or corresponding document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

A-4. a. **SOLICITATION 1**

Date: September 3, 2020  
Contract/Spot: Contract or Spot  
Quantities: No minimum or maximum specified  
Quality: Suitable for KU's Ghent and E.W. Brown Stations, LG&E's Mill Creek Station, and KU's and LG&E's Trimble County Station  
Period: October 1, 2020 through December 31, 2020 – Spot  
2021 and beyond – Contract  
Generating Units: All units at Ghent, E.W. Brown, Mill Creek, and Trimble County Stations

- b. Number of vendors sent a solicitation: 63  
Number of vendors responded: 11 companies / 23 offers  
Selected vendor(s): The vendors selected were based upon the lowest evaluated delivered cost, operational and environmental requirements of the coal units, and other factors impacting coal supply reliability as noted on the attached bid evaluation sheets.

High Sulfur Coal - Spot

Alliance Coal, LLC – J20023

Foresight Coal Sales, LLC – J20022

High Sulfur Coal – Contract

ACNR Coal Sales, Inc. – J23001

Alliance Coal, LLC – J21010

Coal Network, LLC – J20024

Foresight Coal Sales, LLC – J21011

Knight Hawk Coal, LLC – J21022

Peabody COALSALES, LLC – J21009

The bid analysis information is confidential and proprietary and is being provided under seal pursuant to a petition for confidential protection.

The entire attachment is  
Confidential and  
provided separately  
under seal.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 5**

**Responding Witness: Delbert Billiter**

- Q-5. List each oral coal-supply solicitation issued during the last six months of the period under review.
- a. For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
  - b. For each solicitation, identify all vendors solicited and the vendor(s) selected. Provide the bid tabulation sheet or other document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.
- A-5. a-b. There were no oral coal-supply solicitations during the period under review.



**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff’s First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 6**

**Responding Witness: Charles R. Schram**

Q-6. For the last six months of the period under review, list each vendor from whom natural gas was purchased for generation and the quantities and the nature of each purchase (i.e., spot or contract). Provide the percentage of purchases that were spot versus contract.

A-6.

<u>Vendor</u>	<u>Type</u> <sup>1</sup>	<u>MMBTU</u>
BP Energy Company	Spot	458,300
Castleton Commodities Merchant Trading L.P.	Spot	24,000
CMA Energy, LP	Spot	68,600
Colonial Energy, Inc.	Spot	7,000
ConocoPhillips Company	Spot	10,600
Direct Energy Business Marketing, LLC	Spot	20,300
DTE Energy Trading, Inc.	Spot	58,400
Eco-Energy Natural Gas, LLC	Spot	167,417
Engie Energy Marketing NA, Inc.	Spot	22,300
Exelon Generation Company, LLC	Spot	71,400
Hartree Partners, L.P.	Spot	10,000
J. Aron & Company LLC	Spot	21,500
Macquarie Energy, LLC	Spot	102,800
Mercuria Energy America, Inc.	Spot	10,000
NextEra Energy Marketing, LLC	Spot	816,470
NJR Energy Services Company	Spot	231,000
Ovintiv Marketing Inc.	Spot	400,000
Sequent Energy Management, L.P.	Spot	24,800
Shell Energy North America (US), L.P.	Spot	811,300
Southwest Energy, L.P.	Spot	90,200
Spire Marketing Inc.	Spot	73,400
Tenaska Marketing Ventures	Spot	9,991,400
Tennessee Gas Pipeline Company, L.P.	Spot	30,031
Texla Energy Management, Inc.	Spot	139,100
Twin Eagle Resource Management, LLC	Spot	159,500
United Energy Trading, LLC	Spot	927,517
Wells Fargo Commodities, LLC	Spot	81,000
Columbia Gas of Kentucky, Inc.	GSO Customer <sup>2</sup>	246
LG&E Gas Supply	Special Contract <sup>3</sup>	74,402
Engie Energy Marketing NA, Inc.	Forward	3,679,414
J. Aron & Company LLC	Forward	3,069,454
Mercuria Energy America, Inc.	Forward	1,838,958
	<b>Total Volume</b>	<b>23,490,809</b>

<sup>1</sup> Spot refers to gas purchases delivered during the next gas day following the transaction. Friday transactions include Sat, Sun, & Mon (holiday weekends can cover four days). Forward refers to gas purchased for delivery periods typically starting after the current month.

<sup>2</sup> KU is a General Sales Other (GSO) customer of Columbia Gas of Kentucky for the Haefling Plant; no volume purchase commitments.

<sup>3</sup> LG&E is the local gas distribution company; no volume purchase commitments.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 7**

**Responding Witness: Charles R. Schram**

- Q-7. For the last six months of the period under review, state if there were any instances in which a natural gas generating unit could not be operated when it otherwise would have run, due to pipeline constraints or natural gas being unavailable.
- A-7. There were no instances of generating unit restrictions due to pipeline constraints or natural gas unavailability.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 8**

**Responding Witness: Delbert Billiter / Charles R. Schram**

- Q-8. State if there have been any changes to hedging activities for coal or natural gas purchases used for generation since the previous FAC review proceeding. If so, describe the changes in detail.
- A-8. KU does not engage in financial hedging activities for its coal or natural gas purchases.

There have been no changes to the physical hedging practices or guidelines since the previous review proceeding.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 9**

**Responding Witness: Delbert Billiter / Charles R. Schram**

Q-9.

- a. State whether KU has audited any of its fuel or transportation contracts during the last six months of the period under review.
- b. If so, for each audited contract:
  - (1) Identify the contract;
  - (2) Identify the auditor; and
  - (3) State the results of the audit and describe the actions that KU took as a result of the audit.

A-9.

- a. No. KU has not conducted any financial audits of fuel or transportation contracts.

KU's Manager Fuels Technical Services or KU's Mining Engineer conducts scheduled on-site reviews and inspections of the mining operations, scales and sampling systems of each vendor up to twice a year, and likewise may conduct unscheduled visits. Additionally, KU employees may visit a vendor as needed to address problems and issues at any time.

- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information**

**Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 10**

**Responding Witness: Delbert Billiter / Charles R. Schram**

Q-10.

- a. State whether KU is currently involved in any litigation with its current or former fuel suppliers or transportation vendors.
- b. If yes, for each litigation:
  - (1) Identify the supplier or vendor;
  - (2) Identify the contract involved;
  - (3) State the potential liability or recovery to KU;
  - (4) List the issues presented; and
  - (5) Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.
- c. State the current status of all litigation with suppliers or vendors.

A-10.

- a. KU is not involved in direct litigation with a supplier but is involved in a Chapter 11 bankruptcy process with two of its coal suppliers impacting one contract.
- b.
  - (1) Eagle River Coal, LLC and White Stallion Energy, LLC
  - (2) Coal Supply Agreement J19002 between LG&E and KU and Eagle River Coal, LLC and White Stallion Energy, LLC (dated as of July 20, 2018, as amended)

- (3) KU would have no liability other than continuing to perform under the terms of J19002. If Eagle River Coal, LLC and White Stallion Energy, LLC are unsuccessful in an approved bankruptcy reorganization or sale and the contract is ultimately terminated, KU would enter the market for replacement coal.
- (4) White Stallion Energy, LLC filed for Chapter 11 relief in U.S. Bankruptcy Court for the District of Delaware (case no. 20-13037) on December 2, 2020 and Eagle River Coal, LLC filed for Chapter 11 relief (case no. 21-10118) in the same court on January 26, 2021. The cases are jointly administered under the White Stallion Energy, LLC docket.
- (5) Copies of court pleadings and documents are available on-line via Prime Clerk (Duff & Phelps), the debtor's public bankruptcy service provider, at the link:

<https://cases.primeclerk.com/WhiteStallion/Home-DocketInfo>

- c. Eagle River Coal, LLC and White Stallion Energy, LLC have idled all operations while they evaluate options and solicit bids on their assets.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 11**

**Responding Witness: Delbert Billiter / Charles R. Schram**

Q-11.

- a. For the last six months of the period under review, state if there have been any changes to KU's written policies and procedures regarding its fuel procurement?
- b. If yes:
  - (1) Describe the changes;
  - (2) Provide the written policies and procedures as changed;
  - (3) State the date(s) the changes were made; and
  - (4) Explain why the changes were made.
- c. If no, provide the date KU's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.

A-11. During the period under review, there were no changes to The Corporate Fuels and By-Products Procurement Procedures for coal. The Corporate Fuels and By-Products Procurement Procedures were last updated April 1, 2017 and were provided to the Commission in Case No. 2017-00284 in response to Question No. 1-15.

During the period under review, there were no changes to the Power Supply Commodity Policy – Natural Gas Fuel for Generation. The Power Supply Commodity Policy – Natural Gas Fuel for Generation was last updated January 1, 2020 and was provided to the Commission in Case No. 2020-00247 in response to Question No. 1-11.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information**  
**Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 12**

**Responding Witness: Stuart A. Wilson**

Q-12. For the last six months of the period under review and for the years 2021 and 2022, list all firm power commitments for KU for (a) purchases and (b) sales. This list shall identify the electric utility, the amount of commitment in MW, and the purpose of the commitment (i.e., peaking, emergency).

A-12.

(a) The firm purchases from Ohio Valley Electric Corporation (OVEC) for May 2020 through October 2020 and forecasted purchases for 2021 and 2022 are shown in the table below. KU will purchase its participation ratio (2.5%) of the OVEC released capacity for the months in question.

<b>Utility</b>	<b>Period</b>	<b>Companies' Amt (MW)</b>	<b>KU Portion (MW)</b>	<b>Purpose</b>
OVEC	May 2020	~ 73	~ 23	Baseload
OVEC	Jun 2020	~ 127	~ 39	Baseload
OVEC	Jul 2020	~ 138	~ 42	Baseload
OVEC	Aug 2020	~ 138	~ 42	Baseload
OVEC	Sep 2020	~ 95	~ 29	Baseload
OVEC	Oct 2020	~ 70	~ 21	Baseload
OVEC	Jan 2021	~ 158	~ 49	Baseload
OVEC	Feb 2021	~ 158	~ 49	Baseload
OVEC	Mar 2021	~ 126	~ 39	Baseload
OVEC	Apr 2021	~ 92	~ 28	Baseload
OVEC	May 2021	~ 109	~ 33	Baseload
OVEC	Jun 2021	~ 135	~ 41	Baseload
OVEC	Jul 2021	~ 138	~ 42	Baseload
OVEC	Aug 2021	~ 138	~ 42	Baseload
OVEC	Sep 2021	~ 110	~ 34	Baseload
OVEC	Oct 2021	~ 99	~ 30	Baseload
OVEC	Nov 2021	~ 154	~ 47	Baseload



OVEC	Dec 2021	~ 158	~ 49	Baseload
OVEC	Jan 2022	~ 158	~ 49	Baseload
OVEC	Feb 2022	~ 158	~ 49	Baseload
OVEC	Mar 2022	~ 123	~ 38	Baseload
OVEC	Apr 2022	~ 110	~ 34	Baseload
OVEC	May 2022	~ 110	~ 34	Baseload
OVEC	Jun 2022	~ 133	~ 41	Baseload
OVEC	Jul 2022	~ 138	~ 42	Baseload
OVEC	Aug 2022	~ 138	~ 42	Baseload
OVEC	Sep 2022	~ 103	~ 32	Baseload
OVEC	Oct 2022	~ 113	~ 35	Baseload
OVEC	Nov 2022	~ 148	~ 45	Baseload
OVEC	Dec 2022	~ 158	~ 49	Baseload

(b) None.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 13**

**Responding Witness: Andrea M. Fackler**

Q-13. Provide a monthly billing summary of sales to all electric utilities for the last six months of the period under review.

A-13. See attached.



Kentucky Utilities Company

Power Transaction Schedule

Month Ended: May-31-2020

Company	Type of Transaction	KWH	Billing Components			
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b>Sales</b>						
DYNASTY POWER, INC.	DYNASTYPWR	Economy		\$ 3,754.55	\$ 2,645.45	\$ 6,400.00
EVERGY KANSAS CENTRAL, INC.	EVGY	Economy		\$ 15,533.58	\$ 10,944.88	\$ 26,478.46
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ 1,037.78	\$ 731.22	\$ 1,769.00
ENERGY IMBALANCE	IMBL	Economy		\$ 16,073.00	\$ 11,324.97	\$ 27,397.97
MACQUARIECOOK	MACQUARIE	Economy		\$ 45,352.47	\$ 31,955.12	\$ 77,307.59
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy		\$ 51,264.62	\$ 36,120.80	\$ 87,385.42
RAINBOW ENERGY MARKETING CORP	REMC	Economy		\$ 7,132.81	\$ 5,025.74	\$ 12,158.55
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 2,789.02	\$ 1,860.42	\$ 4,649.44
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 3,763,464.90	\$ 2.89	\$ 3,763,467.79
<b>Total Sales</b>			<b>206,934,000</b>	<b>\$ -</b>	<b>\$ 3,906,402.73</b>	<b>\$ 100,611.49</b>
						<b>\$ 4,007,014.22</b>



Month Ended: June-30-2020

Kentucky Utilities Company

Power Transaction Schedule

Company	Type of Transaction	KWH	Billing Components			
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b>Sales</b>						
DYNASTY POWER, INC.	DYNASTYPWR	Economy		\$ 15,466.44	\$ 8,596.61	\$ 24,063.05
ETC ENDURE	ETC	Economy		\$ 8,400.81	\$ 4,669.37	\$ 13,070.18
EVERGY KANSAS CENTRAL, INC.	EVGY	Economy		\$ 5,141.97	\$ 2,858.03	\$ 8,000.00
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ 1,674.24	\$ 930.57	\$ 2,604.81
ENERGY IMBALANCE	IMBL	Economy		\$ 33,021.46	\$ 18,354.12	\$ 51,375.58
MACQUARIECOOK	MACQUARIE	Economy		\$ 42,641.50	\$ 23,701.14	\$ 66,342.64
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy		\$ 44,002.66	\$ 24,457.71	\$ 68,460.37
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 13,662.05	\$ 7,593.70	\$ 21,255.75
RAINBOW ENERGY MARKETING CORP	REMC	Economy		\$ 15,849.94	\$ 8,809.76	\$ 24,659.70
THE ENERGY AUTHORITY	TEA	Economy		\$ 20,060.55	\$ 11,150.12	\$ 31,210.67
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 22,136.54	\$ 12,276.34	\$ 34,412.88
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 3,439,206.51	\$ 8.14	\$ 3,439,214.65
<b>Total Sales</b>			<b>\$ -</b>	<b>\$ 3,661,264.67</b>	<b>\$ 123,405.61</b>	<b>\$ 3,784,670.28</b>



Kentucky Utilities Company

Power Transaction Schedule

Month Ended: July-31-2020

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>Sales</b>						
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ 11,811.28	\$ 7,059.29	\$ 18,870.57
ENERGY IMBALANCE	IMBL	Economy		\$ 24,575.94	\$ 14,688.44	\$ 39,264.38
MACQUARIECOOK	MACQUARIE	Economy		\$ 92,185.23	\$ 55,096.72	\$ 147,281.95
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy		\$ 146,764.49	\$ 87,717.33	\$ 234,481.82
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 64,540.59	\$ 38,574.25	\$ 103,114.84
RAINBOW ENERGY MARKETING CORP	REMC	Economy		\$ 6,578.35	\$ 3,931.70	\$ 10,510.05
THE ENERGY AUTHORITY	TEA	Economy		\$ 17,759.13	\$ 10,614.16	\$ 28,373.29
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 393,955.52	\$ 235,457.02	\$ 629,412.54
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 4,210,126.97	\$ 17.68	\$ 4,210,144.65
<b>Total Sales</b>			<b>240,533,000</b>	<b>\$ -</b>	<b>\$ 4,968,297.50</b>	<b>\$ 5,421,454.09</b>



Kentucky Utilities Company

Power Transaction Schedule

Month Ended: August-31-2020

Company	Type of Transaction	KWH	Billing Components				
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)	
<b>Sales</b>							
DYNASTY POWER, INC.	DYNASTYPWR	Economy		\$ 1,190.46	\$ 720.06	\$ 1,910.52	
EDF TRADING	EDF	Economy		\$ 1,192.69	\$ 721.42	\$ 1,914.11	
ETC ENDURE	ETC	Economy		\$ 5,984.81	\$ 3,619.98	\$ 9,604.79	
EVERGY KANSAS CENTRAL, INC.	EVGY	Economy		\$ 7,175.27	\$ 4,340.04	\$ 11,515.31	
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ 20.19	\$ 12.22	\$ 32.41	
ENERGY IMBALANCE	IMBL	Economy		\$ 25,302.59	\$ 15,304.58	\$ 40,607.17	
MACQUARIECOOK	MACQUARIE	Economy		\$ 106,605.34	\$ 64,481.55	\$ 171,086.89	
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy		\$ 120,674.79	\$ 72,991.63	\$ 193,666.42	
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 92,348.87	\$ 55,858.34	\$ 148,207.21	
RAINBOW ENERGY MARKETING CORP	REMC	Economy		\$ 12,043.10	\$ 7,284.42	\$ 19,327.52	
THE ENERGY AUTHORITY	TEA	Economy		\$ 942.62	\$ 570.16	\$ 1,512.78	
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 78,239.68	\$ 47,324.23	\$ 125,563.91	
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 2,628,004.05	\$ 5.51	\$ 2,628,009.56	
<b>Total Sales</b>				<b>\$ -</b>	<b>\$ 3,079,724.46</b>	<b>\$ 273,234.14</b>	<b>\$ 3,352,958.60</b>



Kentucky Utilities Company

Power Transaction Schedule

Month Ended: September-30-2020

Company	Type of Transaction	KWH	Billing Components				
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)	
<b>Sales</b>							
EVERGY KANSAS CENTRAL, INC.	EVGY	Economy	310,000	\$ 7,041.26	\$ 3,779.30	\$ 10,820.56	
ENERGY IMBALANCE	IMBL	Economy	780,000	\$ 12,920.41	\$ 6,934.82	\$ 19,855.23	
MACQUARIECOOK	MACQUARIE	Economy	387,000	\$ 9,751.62	\$ 5,234.05	\$ 14,985.67	
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy	373,000	\$ 7,409.99	\$ 3,977.21	\$ 11,387.20	
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	600,000	\$ 11,673.70	\$ 7,462.82	\$ 19,136.52	
RAINBOW ENERGY MARKETING CORP	REMC	Economy	136,000	\$ 3,086.47	\$ 1,656.62	\$ 4,743.09	
THE ENERGY AUTHORITY	TEA	Economy	40,000	\$ 867.55	\$ 465.65	\$ 1,333.20	
TENNESSEE VALLEY AUTHORITY	TVA	Economy	1,395,000	\$ 39,853.38	\$ 21,390.75	\$ 61,244.13	
LOUISVILLE GAS & ELECTRIC	LGE	Economy	45,010,000	\$ 875,507.99	\$ 76.97	\$ 875,584.96	
<b>Total Sales</b>			<b>49,031,000</b>	<b>\$ -</b>	<b>\$ 968,112.37</b>	<b>\$ 50,978.19</b>	<b>\$ 1,019,090.56</b>



**Kentucky Utilities Company**

**Power Transaction Schedule**

**Month Ended: October-31-2020**

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>Sales</b>						
DYNASTY POWER, INC.	DYNASTYPWR	Economy		\$ 5,835.55	\$ 4,249.24	\$ 10,084.79
EVERGY KANSAS CENTRAL, INC.	EVGY	Economy		\$ 26,302.82	\$ 19,152.84	\$ 45,455.66
ENERGY IMBALANCE	IMBL	Economy		\$ 3,436.10	\$ 2,502.03	\$ 5,938.13
MACQUARIECOOK	MACQUARIE	Economy		\$ 75,171.24	\$ 54,737.19	\$ 129,908.43
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy		\$ 92,365.10	\$ 67,257.19	\$ 159,622.29
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 11,020.25	\$ 8,024.58	\$ 19,044.83
RAINBOW ENERGY MARKETING CORP	REMC	Economy		\$ 3,105.67	\$ 2,261.45	\$ 5,367.12
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 15,568.38	\$ 11,336.38	\$ 26,904.76
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 429,164.54	\$ 2,064.57	\$ 431,229.11
<b>Total Sales</b>			<b>\$ -</b>	<b>\$ 661,969.65</b>	<b>\$ 171,585.47</b>	<b>\$ 833,555.12</b>



**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 14**

**Responding Witness: Andrea M. Fackler**

Q-14. Describe the effect on the FAC calculation of line losses related to:

- a. Intersystem sales when using a third-party transmission system, and
- b. Intersystem sales when not using a third-party transmission system.

A-14.

- a-b. Line losses related to inter-system sales are calculated using a loss factor of 0.5% whether the inter-system sale requires a third-party transmission system or not. This practice is consistent with the Commission's June 7, 2013, Amended Order in Case No. 2012-00552.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 15**

**Responding Witness: Michael P. Drake**

Q-15. Provide a list, in chronological order, showing by unit, any scheduled, actual, and forced outages between for the last six months of the period under review. Provide a key for any information that is abbreviated.

A-15. See attached.

Kentucky Utilities Company  
May 2020 through October 2020

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE	
	FROM	TO	FROM	TO	Scheduled	Actual*	OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
<b>E. W. Brown Unit 1 - Coal - 107 MW</b> In-service May 1957	No outages > or = 6 hours							
<b>E. W. Brown Unit 2 - Coal - 168 MW</b> In-service June 1963	No outages > or = 6 hours							
<b>E. W. Brown Unit 3 - Coal - 413 MW</b> In-service July 1971	S	6/22/2020 6:00	6/26/2020 16:25	6/22/2020 6:00	6/26/2020 16:25	106:25	106:25	Turbine Main Stop Valves - Fine Screens
<b>Ghent Unit 1 - Coal - 479 MW</b> In-service February 1974	F			5/27/2020 6:53	5/27/2020 13:22		6:29	Station Batteries
	F			10/11/2020 5:39	10/11/2020 16:47		11:08	Turbine EHC System
<b>Ghent Unit 2 - Coal - 486 MW</b> In-service April 1977	S	5/5/2020 5:00	5/5/2020 20:18	5/5/2020 5:00	5/5/2020 20:18	15:18	15:18	Condenser
	S	9/26/2020 0:00	10/4/2020 0:00	9/18/2020 5:00	9/28/2020 6:18	192:00	241:18	Boiler inspection
<b>Ghent Unit 3 - Coal - 476 MW</b> In-service May 1981	S	4/26/2020 0:01	5/1/2020 12:42	4/26/2020 0:01	5/1/2020 12:42	132:41	132:41	Air heater wash
	S	6/1/2020 6:00	6/1/2020 22:33	6/1/2020 6:00	6/1/2020 22:33	16:33	16:33	Exciter bearing vibration balance
	S	10/3/2020 0:00	11/1/2020 0:00	10/2/2020 5:00	10/29/2020 12:30	696:00	655:30	Pulse Jet Fabric Filter Bag Replacement
<b>Ghent Unit 4 - Coal - 478 MW</b> In-service August 1984	S	3/7/2020 0:00	5/11/2020 0:00	3/6/2020 12:00	5/11/2020 0:01	1560:00	1572:01	Major turbine overhaul
	S	5/11/2020 0:01	5/13/2020 23:12	5/11/2020 0:01	5/13/2020 23:12	71:11	71:11	Generator stator rewind
	S	5/13/2020 23:26	5/14/2020 12:11	5/13/2020 23:26	5/14/2020 12:11	12:45	12:45	Turbine/Generator Vibration
	F			5/14/2020 23:24	5/16/2020 2:38		27:14	Boiler reheat tube leak
	S	6/18/2020 5:00	6/20/2020 5:16	6/18/2020 5:00	6/20/2020 5:16	48:16	48:16	Turbine valve fine mesh screens
	S	7/30/2020 19:45	8/2/2020 7:34	7/30/2020 19:45	8/2/2020 7:34	59:49	59:49	Feedwater Valve Repair
	F			9/11/2020 6:10	9/14/2020 4:26		70:16	Burner wind box fires
<b>Trimble County Unit 2 - Coal - 570 MW</b> In-service January 2011 75% ownership share of 732 MW jointly owned with LG&E	F			9/2/2020 15:51	9/5/2020 5:08		61:17	Boiler waterwall tube leak
	S	9/19/2020 0:00	10/25/2020 0:00	9/19/2020 3:00	10/26/2020 0:00	864:00	885:00	Planned outage - boiler maintenance
	S	10/26/2020 0:00	10/30/2020 18:37	10/26/2020 0:00	10/30/2020 18:37	114:37	114:37	Main stop valves
	F			10/30/2020 20:04	10/31/2020 5:07		9:03	Feedwater Pump Controls
	S	10/31/2020 16:01	11/4/2020 5:29	10/31/2020 16:01	11/4/2020 5:29	85:28	85:28	Turbine Main Stop Valves - Fine Screens
<b>Cane Run Unit 7 - Gas - 683 MW</b> In-service June 2015 Jointly owned with LG&E	S	10/31/2020 0:59	11/9/2020 8:56	10/31/2020 0:59	11/9/2020 8:56	223:57	223:57	Exhaust Duct Inspection
<b>E. W. Brown Unit 5 - Gas CT - 130 MW</b> In-service June 2001 Jointly owned with LG&E	F			5/27/2020 9:15	6/4/2020 18:18		201:03	Starting system
	S	6/11/2020 10:33	6/13/2020 16:42	6/11/2020 10:33	6/13/2020 16:42	54:09	54:09	Fuel Gas System
	S	10/13/2020 1:35	10/16/2020 6:00	10/13/2020 1:35	10/16/2020 6:00	76:25	76:25	Fuel Gas System
	S	10/17/2020 0:00	11/8/2020 0:00	10/16/2020 6:00	10/30/2020 9:00	528:00	339:00	Fuel Gas System
<b>E. W. Brown Unit 6 - Gas CT - 171 MW</b> In-service August 1999 Jointly owned with LG&E	S	5/1/2020 9:45	5/9/2020 0:01	5/1/2020 9:45	5/9/2020 0:01	182:16	182:16	Combustion Turbine/Generator Bearings
	S	5/9/2020 0:01	5/11/2020 9:11	5/9/2020 0:01	5/11/2020 9:11	57:10	57:10	Combustion Turbine/Generator Bearings
	S	6/11/2020 10:33	6/13/2020 16:42	6/11/2020 10:33	6/13/2020 16:42	54:09	54:09	Fuel Gas System
	S	7/23/2020 6:20	7/23/2020 12:30	7/23/2020 6:20	7/23/2020 12:30	6:10	6:10	Fuel Gas System
	F			7/23/2020 12:30	7/24/2020 13:52		25:22	Station Services Power Distribution
	S	10/12/2020 23:06	10/16/2020 6:00	10/12/2020 23:06	10/16/2020 6:00	78:54	78:54	Fuel Gas System
	S	10/17/2020 0:00	11/1/2020 0:00	10/16/2020 6:00	11/2/2020 0:00	360:00	402:00	Fuel Gas System

\*Actual outage dates and hours of duration include scheduled and forced outages.

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE	
	FROM	TO	FROM	TO	Scheduled	Actual*	OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
<b>E. W. Brown Unit 7 - Gas CT - 171 MW</b> In-service August 1999 Jointly owned with LG&E	S	6/11/2020 10:33	6/13/2020 16:42	6/11/2020 10:33	6/13/2020 16:42	54:09	54:09	Fuel Gas System
	S	7/13/2020 6:45	7/13/2020 13:55	7/13/2020 6:45	7/13/2020 13:55	7:10	7:10	Fuel Gas System
	S	10/12/2020 23:06	10/16/2020 6:00	10/12/2020 23:06	10/16/2020 6:00	78:54	78:54	Fuel Gas System
	S	10/17/2020 0:00	11/1/2020 0:00	10/16/2020 6:00	11/2/2020 0:00	360:00	402:00	Fuel Gas System
<b>E. W. Brown Unit 8 - Gas CT - 128 MW</b> In-service February 1995	No outages > or = 6 hours							
<b>E. W. Brown Unit 9 - Gas CT - 138 MW</b> In-service January 1995	S	8/19/2020 6:04	8/19/2020 12:57	8/19/2020 6:04	8/19/2020 12:57	6:53	6:53	water control valve repair
<b>E. W. Brown Unit 10 - Gas CT - 138 MW</b> In-service December 1995	No outages > or = 6 hours							
<b>E. W. Brown Unit 11 - Gas CT - 128 MW</b> In-service May 1996	S	6/15/2020 6:19	6/15/2020 15:16	6/15/2020 6:19	6/15/2020 15:16	8:57	8:57	Rotor barring system
<b>Haefling Unit 1 - Gas CT - 14 MW</b> In-service October 1970	No outages > or = 6 hours							
<b>Haefling Unit 2 - Gas CT - 14 MW</b> In-service October 1970	F			5/14/2020 11:30	5/21/2020 13:55		170:25	Fuel Gas System
	F			5/21/2020 13:55	5/22/2020 12:52		22:57	Ignition System - Igniter Repair
<b>Paddys Run Unit 13 - Gas CT - 175 MW</b> In-service June 2001 Jointly owned with LG&E	F			7/8/2020 10:55	7/9/2020 8:59		22:04	Compressor Surge Protection System
<b>Trimble County Unit 5 - Gas CT - 179 MW</b> In-service May 2002 Jointly owned with LG&E	S	9/10/2020 3:00	9/11/2020 17:04	9/10/2020 3:00	9/11/2020 17:04	38:04	38:04	Oil vapor extractor repair
	S	10/24/2020 4:03	10/25/2020 23:33	10/24/2020 4:03	10/25/2020 23:33	43:30	43:30	Combustion Turbine Compressor Washing
<b>Trimble County Unit 6 - Gas CT - 179 MW</b> In-service May 2002 Jointly owned with LG&E	S	8/18/2020 8:02	8/18/2020 14:23	8/18/2020 8:02	8/18/2020 14:23	6:21	6:21	Combustion Turbine Compressor Washing
<b>Trimble County Unit 7 - Gas CT - 179 MW</b> In-service June 2004 Jointly owned with LG&E	S	7/17/2020 20:12	7/19/2020 23:33	7/17/2020 20:12	7/19/2020 23:33	51:21	51:21	Lube oil system repair
<b>Trimble County Unit 8 - Gas CT - 179 MW</b> In-service June 2004 Jointly owned with LG&E	S	8/30/2020 2:00	8/31/2020 18:15	8/30/2020 2:00	8/31/2020 18:15	40:15	40:15	Combustion Turbine Exhaust Injection
	S	9/4/2020 7:00	9/4/2020 17:04	9/4/2020 7:00	9/4/2020 17:04	10:04	10:04	Combustion Turbine Compressor Washing
<b>Trimble County Unit 9 - Gas CT - 179 MW</b> In-service July 2004 Jointly owned with LG&E	S	6/23/2020 5:30	6/24/2020 17:48	6/23/2020 5:30	6/24/2020 17:48	36:18	36:18	Lube oil system repair
	S	9/12/2020 0:00	10/25/2020 0:00	9/12/2020 3:00	10/25/2020 13:08	1032:00	1042:08	Planned unit outage for Combustion Inspection, Generator
	S	10/25/2020 20:11	10/26/2020 18:51	10/25/2020 20:11	10/26/2020 18:51	22:40	22:40	Emissions Controls
<b>Trimble County Unit 10 - Gas CT - 179 MW</b> In-service July 2004 Jointly owned with LG&E	S	8/20/2020 3:00	8/20/2020 15:13	8/20/2020 3:00	8/20/2020 15:13	12:13	12:13	Compressor Bleed Valves
	S	10/3/2020 0:00	10/18/2020 0:00	10/3/2020 0:38	10/18/2020 12:27	360:00	371:49	Exhaust Stack

\*Actual outage dates and hours of duration include scheduled and forced outages.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 16**

**Responding Witness: Stuart A. Wilson**

Q-16. For the last six months of the period under review, provide the monthly capacity factor at which each generating unit operated.

A-16.

	Capacity Factor (%) <sup>1,2</sup>					
	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020
Brown 3	38.4	27.7	43.8	39.0	36.2	30.5
Brown 5	0.0	2.0	11.7	0.7	0.0	0.9
Brown 6	2.5	2.7	12.5	3.2	0.0	22.5
Brown 7	1.7	6.7	15.8	9.4	3.1	0.0
Brown 8	0.1	0.8	1.8	0.8	0.0	1.8
Brown 9	1.4	0.8	7.5	2.2	3.5	0.2
Brown 10	0.0	0.0	6.6	2.3	0.0	2.0
Brown 11	1.4	0.0	2.7	0.7	0.0	0.9
Brown Solar	23.7	26.4	27.5	23.7	21.9	15.8
Cane Run 7	88.1	94.2	96.0	94.5	90.6	92.1
Dix 1	74.7	10.6	6.7	2.1	40.4	46.4
Dix 2	74.7	10.3	6.7	2.1	40.4	30.9
Dix 3	71.4	7.2	0.9	0.0	37.8	0.0
Ghent 1	82.7	84.4	88.1	85.2	84.8	83.7
Ghent 2	15.4	66.1	77.2	69.0	36.0	69.3
Ghent 3	60.9	65.0	76.8	71.0	64.0	5.5
Ghent 4	32.3	50.2	68.4	59.1	61.4	71.5
Haefling 1-2	0.0	0.0	0.0	0.0	0.0	0.0
Paddy's Run 13	1.7	3.2	9.0	1.6	1.4	1.0
Trimble County 2 <sup>3</sup>	85.4	86.9	89.4	87.2	41.8	0.0
Trimble County 5	5.2	19.4	32.0	11.5	5.1	2.2
Trimble County 6	1.3	2.9	10.7	1.1	1.6	0.6
Trimble County 7	1.5	9.0	11.8	4.4	6.2	3.4
Trimble County 8	0.2	5.7	12.8	1.7	1.2	1.3
Trimble County 9	0.6	10.2	26.2	11.9	5.8	3.1
Trimble County 10	0.0	1.2	3.0	0.7	0.5	0.0

<sup>1</sup> The North American Electric Reliability Council Generation Availability Data System defines capacity factor as the net MWh produced divided by the product of the hours in the period and the unit rating.

<sup>2</sup> Jointly owned units are shown for both LG&E and KU and include Brown 5-7, Brown Solar, Cane Run 7, Paddy's Run 13, Trimble County 2, and Trimble County 5-10.

<sup>3</sup> Trimble County 2 values reflect 100% of the unit among KU, LG&E, IMPA, and IMEA.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 17**

**Responding Witness: Michael P. Drake**

Q-17.

- a. For the last six months of the period under review, explain whether KU made any changes to its maintenance and operation practices, or completed any specific generation efficiency improvements that affect fuel usage at KU's generation facilities.
- b. Describe the impact of these changes on KU's fuel usage.

A-17.

- a-b. There have been no maintenance or operation practice changes that affect fuel usage during the period under review. KU strives to maintain unit efficiency through routine cyclic planned outage maintenance. This maintenance work continues to focus on reestablishing expected turbine efficiency through continuous monitoring of all plant systems during operation. KU contracts Black and Veatch to provide this monitoring on larger units to identify trends which indicate a potential efficiency loss of any system component. Black and Veatch sends notification to the generating stations which track the potential issues through resolution. In evaluating potential major component projects or replacements that may impact efficiency, KU must balance any potential efficiency benefit associated with the project against both costs and potential implications under the Clean Air Act. KU has not realized any efficiency improvements through major component projects during this period.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 18**

**Responding Witness: Delbert Billiter / Charles R. Schram**

- Q-18. State whether KU is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the last six months of the period under review.
- A-18. KU is not aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period under review.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 19**

**Responding Witness: Andrea M. Fackler**

Q-19. State whether KU is aware of any violations of 807 KAR 5:056 that occurred prior to or during the last six months of the period under review.

A-19. KU is not aware of any violations of 807 KAR 5:056 that occurred prior to or during the period under review.



**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 20**

**Responding Witness: Andrea M. Fackler**

- Q-20. State whether all fuel contracts related to commodity and transportation have been filed with the Commission. If any contracts have not been filed, explain why they have not been filed and provide a copy.
- A-20. For the period under review, all fuel contracts related to commodity and/or transportation have been filed with the Commission.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 21**

**Responding Witness: Delbert Billiter**

Q-21. For each generating station, state the methods of coal delivery currently available.

A-21. E.W. Brown – Rail and Truck  
Ghent – Barge  
Trimble County – Barge

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 22**

**Responding Witness: Andrea M. Fackler**

- Q-22. If a change in the base fuel cost is proposed, state the month to be used as the base period (b). If the base period results in a fuel cost other than one representative of current costs as prescribed by 807 KAR 5:056, Section 1(2), explain why this base period was selected. If no change is proposed, include an explanation of the reason(s) KU believes the current base period fuel cost should remain unchanged.
- A-22. After reviewing actual FAC costs for the base period November 2018 through October 2020, KU recommends that the per unit fuel cost for the February 2019 expense month be used as the base period. Page 1 of the attached shows that the per unit fuel cost for February 2019 was \$0.02395/kWh (see column (e)). On Page 2 of the attached, KU estimates that the average per unit fuel cost for the calendar year 2021 will be \$0.02395/kWh and the average per unit fuel cost for the calendar year 2022 will be \$0.02382/kWh. The actual per unit fuel cost for February 2019 of \$0.02395/kWh approximates the \$0.02388/kWh weighted average of the projected per unit fuel cost for 2021 and 2022.

KU recommends the use of the actual per unit fuel cost for February 2019 because this is the actual per unit fuel cost from the two-year expense period under review that is closest to the weighted average projected per unit fuel cost for the next two-year period. This methodology is consistent with what has been used and accepted in previous two-year review cases, and therefore KU believes February 2019 is the appropriate month to use as the base FAC for the next two-year period.

KU determined the projected F(m) / S(m) results using:

- projected coal, oil, and natural gas expenses;
- projected purchased power expenses and off-system sales revenues; and
- all associated generated, purchased and sold kilowatt-hours for the period.

**Kentucky Utilities**

**Retail Fuel Adjustment Clause**

**Fuel Cost per kWh**

**For the Expense Months November 2018 through October 2020**

Actual*							
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line No.	Expense Month	Billing Month	Fuel Expense	kWh Sales	Expense Month (\$/kWh) (Col. c / d)	FAC Base (\$/kWh)	Billing Month FAC Factor (Col. e - f)
(1)	Nov-18	Jan-19	\$ 42,389,938	1,673,754,228	\$ 0.02533	\$ 0.02609	\$(0.00076)
(2)	Dec-18	Feb-19	\$ 45,714,185	1,765,398,579	\$ 0.02589	\$ 0.02609	\$(0.00020)
(3)	Jan-19	Mar-19	\$ 50,452,034	2,005,058,847	\$ 0.02516	\$ 0.02609	\$(0.00093)
(4)	Feb-19	Apr-19	\$ 38,870,092	1,622,782,643	\$ 0.02395	\$ 0.02609	\$(0.00214)
(5)	Mar-19	May-19	\$ 40,011,686	1,729,917,508	\$ 0.02313	\$ 0.02609	\$(0.00296)
(6)	Apr-19	Jun-19	\$ 33,474,370	1,415,094,597	\$ 0.02366	\$ 0.02609	\$(0.00243)
(7)	May-19	Jul-19	\$ 35,032,185	1,476,844,628	\$ 0.02372	\$ 0.02609	\$(0.00237)
(8)	Jun-19	Aug-19	\$ 35,303,976	1,518,507,155	\$ 0.02325	\$ 0.02609	\$(0.00284)
(9)	Jul-19	Sep-19	\$ 40,871,074	1,768,295,479	\$ 0.02311	\$ 0.02609	\$(0.00298)
(10)	Aug-19	Oct-19	\$ 38,768,799	1,746,924,079	\$ 0.02219	\$ 0.02609	\$(0.00390)
(11)	Sep-19	Nov-19	\$ 36,094,064	1,641,622,424	\$ 0.02199	\$ 0.02609	\$(0.00410)
(12)	Oct-19	Dec-19	\$ 26,746,819	1,383,934,363	\$ 0.01933	\$ 0.02609	\$(0.00676)
(13)	Nov-19	Jan-20	\$ 31,846,958	1,539,123,190	\$ 0.02069	\$ 0.02609	\$(0.00540)
(14)	Dec-19	Feb-20	\$ 37,402,733	1,597,264,513	\$ 0.02342	\$ 0.02609	\$(0.00267)
(15)	Jan-20	Mar-20	\$ 38,613,027	1,681,950,843	\$ 0.02296	\$ 0.02609	\$(0.00313)
(16)	Feb-20	Apr-20	\$ 36,500,497	1,612,855,197	\$ 0.02263	\$ 0.02452	\$(0.00189)
(17)	Mar-20	May-20	\$ 29,842,024	1,404,684,701	\$ 0.02124	\$ 0.02452	\$(0.00328)
(18)	Apr-20	Jun-20	\$ 24,386,620	1,152,733,308	\$ 0.02116	\$ 0.02452	\$(0.00336)
(19)	May-20	Jul-20	\$ 26,195,551	1,244,850,596	\$ 0.02104	\$ 0.02452	\$(0.00348)
(20)	Jun-20	Aug-20	\$ 31,813,797	1,465,450,537	\$ 0.02171	\$ 0.02452	\$(0.00281)
(21)	Jul-20	Sep-20	\$ 39,715,900	1,758,934,007	\$ 0.02258	\$ 0.02452	\$(0.00194)
(22)	Aug-20	Oct-20	\$ 36,842,863	1,643,557,286	\$ 0.02242	\$ 0.02452	\$(0.00210)
(23)	Sep-20	Nov-20	\$ 30,692,845	1,412,886,335	\$ 0.02172	\$ 0.02452	\$(0.00280)
(24)	Oct-20	Dec-20	\$ 29,054,995	1,323,225,550	\$ 0.02196	\$ 0.02452	\$(0.00256)
(25)	Overall Average		\$ 35,693,210	1,566,068,775	\$ 0.02279	\$ 0.02452	\$(0.00173)
(26)	Average for the Last Twelve Months		\$ 32,742,318	1,486,459,672	\$ 0.02203	\$ 0.02609	\$(0.00406)

\*Source: Form A Monthly Filings to the Kentucky Public Service Commission

**Kentucky Utilities**

**Forecasted Retail Fuel Adjustment Clause  
Fuel Cost per kWh  
2021 and 2022**

Forecast					
	(a)	(b)	(c)	(d)	(e)
Line No.	Expense Month	Billing Month	Forecasted Fuel Expense	Forecasted kWh Sales	Forecasted Expense Month (\$/kWh) (Col. c / d)
(1)	Jan-21	Mar-21	\$ 43,442,420	1,797,625,075	\$ 0.02417
(2)	Feb-21	Apr-21	\$ 38,254,786	1,604,113,670	\$ 0.02385
(3)	Mar-21	May-21	\$ 35,835,685	1,521,891,299	\$ 0.02355
(4)	Apr-21	Jun-21	\$ 30,406,299	1,280,038,026	\$ 0.02375
(5)	May-21	Jul-21	\$ 32,605,666	1,381,194,430	\$ 0.02361
(6)	Jun-21	Aug-21	\$ 35,249,961	1,471,998,064	\$ 0.02395
(7)	Jul-21	Sep-21	\$ 39,102,341	1,636,379,865	\$ 0.02390
(8)	Aug-21	Oct-21	\$ 39,531,451	1,651,325,560	\$ 0.02394
(9)	Sep-21	Nov-21	\$ 34,314,664	1,431,964,096	\$ 0.02396
(10)	Oct-21	Dec-21	\$ 33,431,961	1,368,545,547	\$ 0.02443
(11)	Nov-21	Jan-22	\$ 33,640,000	1,408,645,340	\$ 0.02388
(12)	Dec-21	Feb-22	\$ 39,771,179	1,632,360,133	\$ 0.02436
(13)	Jan-22	Mar-22	\$ 44,271,089	1,817,035,172	\$ 0.02436
(14)	Feb-22	Apr-22	\$ 39,215,677	1,620,829,130	\$ 0.02419
(15)	Mar-22	May-22	\$ 36,977,045	1,537,626,271	\$ 0.02405
(16)	Apr-22	Jun-22	\$ 30,442,634	1,299,718,212	\$ 0.02342
(17)	May-22	Jul-22	\$ 32,088,151	1,392,324,811	\$ 0.02305
(18)	Jun-22	Aug-22	\$ 35,011,413	1,481,307,296	\$ 0.02364
(19)	Jul-22	Sep-22	\$ 39,127,170	1,641,502,733	\$ 0.02384
(20)	Aug-22	Oct-22	\$ 39,535,148	1,655,417,364	\$ 0.02388
(21)	Sep-22	Nov-22	\$ 34,193,805	1,443,155,400	\$ 0.02369
(22)	Oct-22	Dec-22	\$ 32,732,797	1,375,772,820	\$ 0.02379
(23)	Nov-22	Jan-23	\$ 32,798,293	1,412,862,681	\$ 0.02321
(24)	Dec-22	Feb-23	\$ 39,788,856	1,637,034,448	\$ 0.02431
(25)	Overall Average		\$ 36,323,687	1,520,861,144	\$ 0.02388
(26)	2021 Average		\$ 36,298,868	\$ 1,515,506,759	\$ 0.02395
(27)	2022 Average		\$ 36,348,506	\$ 1,526,215,528	\$ 0.02382

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 23**

**Responding Witness: Andrea M. Fackler**

- Q-23. Provide a calculation of the fossil fuel costs F(b) that KU proposes to use to calculate the base period fuel cost. This calculation shall show each component of F(b) as defined by 807 KAR 5:056. Explain why the fuel cost in the selected base period is representative of the level of fuel cost currently being experienced by KU.
- A-23. Attached is a copy of the Fuel Cost Schedule (Form A, Page 2) for the expense period of February 2019, which shows the component of the proposed F(b) as defined by 807 KAR 5:056.

As explained in the response to Question No. 22, KU reviewed the per unit fuel cost for each month during the November 2018 through October 2020 expense periods and compared those values to the projected average per unit fuel cost for the next two-year period. As a result, F(b) and S(b) were considered together in determining the appropriate month to use as a new base fuel component.

**KENTUCKY UTILITIES COMPANY  
FUEL COST SCHEDULE**

Expense Month : February 2019

<u>(A) Company Generation</u>			
Coal Burned	(+)	\$25,449,494	(1)
Oil Burned	(+)	488,402	(1)
Gas Burned	(+)	9,710,025	(1)
Fuel (assigned cost during Forced Outage)	(+)	-	
Fuel (substitute cost for Forced Outage)	(-)	-	
SUB-TOTAL		<u>\$ 35,647,921</u>	
 <u>(B) Purchases</u>			
Net energy cost - economy purchases	(+)	\$ 491,572	
Identifiable fuel cost - other purchases	(+)	-	
Identifiable fuel cost (substitute for Forced Outage)	(-)	-	
Less Purchases above Highest Cost Units	(-)	-	
Internal Economy	(+)	3,233,147	
Internal Replacement	(+)	-	
SUB-TOTAL		<u>\$ 3,724,719</u>	
 <u>(C) Inter-System Sales</u>			
Including Interchange-out	(+)	\$ 108,438	
Internal Economy	(+)	2,561	
Internal Replacement	(+)	408,405	
Dollars Assigned to Inter-System Sales Losses	(+)	542	
SUB-TOTAL		<u>\$ 519,946</u>	
 <u>(D) Over or (Under) Recovery</u>			
From Page 5, Line 13		<u>\$ (17,398)</u>	
 <u>(E) CSR Customers Buy-Through Adjustment</u>			
		<u>\$ -</u>	
TOTAL FUEL RECOVERY (A+B-C-D-E) =		<u><u>\$ 38,870,092</u></u>	

Note: (1) Reflects exclusion of IMEA/IMPA portion of Trimble County Unit 2 fuel cost with recognition of 0.5% transmission losses per Commission's Order in Case No. 2012-00552.

Coal burned =	\$9,018
Oil burned =	\$0
Gas burned =	\$152

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 24**

**Responding Witness: Andrea M. Fackler**

Q-24. Provide a schedule showing each component of sales as defined by 807 KAR 5:056 in the selected base period (b). Explain why KU believes that the sales in the selected base period (b) are representative of the level of kWh sales that KU will derive from the level of fuel cost incurred during the selected base period (b).

- a. Separately provide the amounts of power purchases used in the calculation of sales provided.
- b. Separately provide the amounts of intersystem power sales used in the calculation of sales provided.

A-24.

- a-b. Attached is a copy of the Sales Schedule (Form A, Page 3) for the base period of February 2019, which shows the component of the proposed S(b) as defined by 807 KAR 5:056.

As explained in the response to Question No. 22, KU reviewed the per unit fuel cost for each month during the November 2018 through October 2020 expense periods and compared those values to the projected average per unit fuel cost for the next two-year period. As a result, F(b) and S(b) were considered together in determining the appropriate month to use as a new base fuel component.



**KENTUCKY UTILITIES COMPANY**

**SALES SCHEDULE (KWH)**

Expense Month : February 2019

(A) Generation (Net)	(+)	1,524,915,000
Purchases including interchange-in	(+)	64,311,000
Internal Economy	(+)	161,509,000
Internal Replacement	(+)	-
SUB-TOTAL		<u>1,750,735,000</u>
(B) Inter-system Sales including interchange-out	(+)	5,010,000
Internal Economy	(+)	110,000
Internal Replacement	(+)	19,813,000
(*) System Losses	(+)	103,019,357
SUB-TOTAL		<u>127,952,357</u>
TOTAL SALES (A-B)		<u><u>1,622,782,643</u></u>

(\*) Note: See Page 4 of 6, "Adjustment of rolling 12-MTD average overall system losses to reflect losses at retail level"

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 25**

**Responding Witness: Andrea M. Fackler**

Q-25. Provide a schedule showing the calculation of KU's proposed increase or decrease in its base fuel cost per kWh to be incorporated into its base rate.

A-25.

Current Base Fuel Rate	\$0.02452
Proposed Base Fuel Rate	<u>\$0.02395</u>
Decrease in Base Rates	(\$0.00057)

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 26**

**Responding Witness: Andrea M. Fackler**

- Q-26. Provide a schedule of the present and proposed rates that KU seeks to change pursuant to 807 KAR 5:056, shown in comparative form.
- A-26. See attached present and proposed rates that KU seeks approval for effective on a services rendered basis upon the Commission's issuance of a Final Order in this proceeding. The present and proposed rates are subject to change pending the Commission's issuance of a Final Order in KU's base rate proceeding (CN 2020-00349).

Tariff Sheet	Tariff	Current Base Rate	Current Base Fuel Rate	Current Base Rate Excluding Fuel	Proposed Base Fuel Rate	Proposed Base Rate Including Fuel	% Decrease in Base Rate
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
				(3) - (4)		(5) + (6)	((7) - (3)) / (3)
5	RS	\$ 0.08963	\$ 0.02452	\$ 0.06511	\$ 0.02395	\$ 0.08906	-0.64%
6	RTOD-Energy						
	<i>On-Peak</i>	\$ 0.27542	\$ 0.02452	\$ 0.25090	\$ 0.02395	\$ 0.27485	-0.21%
	<i>Off-Peak</i>	\$ 0.05760	\$ 0.02452	\$ 0.03308	\$ 0.02395	\$ 0.05703	-0.99%
7	RTOD - Demand	\$ 0.04353	\$ 0.02452	\$ 0.01901	\$ 0.02395	\$ 0.04296	-1.31%
9	VFD	\$ 0.08963	\$ 0.02452	\$ 0.06511	\$ 0.02395	\$ 0.08906	-0.64%
10	GS	\$ 0.11225	\$ 0.02452	\$ 0.08773	\$ 0.02395	\$ 0.11168	-0.51%
12	AES	\$ 0.08732	\$ 0.02452	\$ 0.06280	\$ 0.02395	\$ 0.08675	-0.65%
15	PS						
	<i>Secondary</i>	\$ 0.03249	\$ 0.02452	\$ 0.00797	\$ 0.02395	\$ 0.03192	-1.75%
	<i>Primary</i>	\$ 0.03190	\$ 0.02452	\$ 0.00738	\$ 0.02395	\$ 0.03133	-1.79%
20	TODS	\$ 0.02658	\$ 0.02452	\$ 0.00206	\$ 0.02395	\$ 0.02601	-2.14%
22	TODP	\$ 0.02573	\$ 0.02452	\$ 0.00121	\$ 0.02395	\$ 0.02516	-2.22%
25	RTS	\$ 0.02513	\$ 0.02452	\$ 0.00061	\$ 0.02395	\$ 0.02456	-2.27%
30	FLS						
	<i>Primary</i>	\$ 0.02573	\$ 0.02452	\$ 0.00121	\$ 0.02395	\$ 0.02516	-2.22%
	<i>Transmission</i>	\$ 0.02513	\$ 0.02452	\$ 0.00061	\$ 0.02395	\$ 0.02456	-2.27%
37	LE	\$ 0.06998	\$ 0.02452	\$ 0.04546	\$ 0.02395	\$ 0.06941	-0.81%
38	TE	\$ 0.08689	\$ 0.02452	\$ 0.06237	\$ 0.02395	\$ 0.08632	-0.66%
81	OSL						
	<i>Secondary</i>	\$ 0.03249	\$ 0.02452	\$ 0.00797	\$ 0.02395	\$ 0.03192	-1.75%
	<i>Primary</i>	\$ 0.03032	\$ 0.02452	\$ 0.00580	\$ 0.02395	\$ 0.02975	-1.88%

Tariff Sheet	Tariff	Service Type	Bulb Type	Rate Code	Fixture Type	kW Per Light	kWh per Year*	Fuel Factor Decrease \$/kWh**	Annual Decrease	Monthly Decrease	Monthly Charge		
											Existing Monthly Fixture Charge	Proposed Monthly Fixture Charge	% Change
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
							(7) * 4,000	\$ (0.00057)	(8) * (9)	(10) / 12 mos.		(11) + (12)	(11) / (12)
35	LS	Overhead Service	Light Emitting Diode (LED)										
				390	Cobra Head	0.071	284	\$ (0.00057)	\$ (0.16)	\$ (0.01)	\$ 9.92	\$ 9.91	-0.14%
				391	Cobra Head	0.122	488	\$ (0.00057)	\$ (0.28)	\$ (0.02)	\$ 11.98	\$ 11.96	-0.19%
				392	Cobra Head	0.194	776	\$ (0.00057)	\$ (0.44)	\$ (0.04)	\$ 15.22	\$ 15.18	-0.24%
				393	Open Bottom	0.048	192	\$ (0.00057)	\$ (0.11)	\$ (0.01)	\$ 8.57	\$ 8.56	-0.11%
				KC1	Cobra Head	0.022	88	\$ (0.00057)	\$ (0.05)	\$ (0.00)	\$ 8.67	\$ 8.67	-0.05%
				KF1	Directional (Flood)	0.030	120	\$ (0.00057)	\$ (0.07)	\$ (0.01)	\$ 11.28	\$ 11.27	-0.05%
				KF2	Directional (Flood)	0.096	384	\$ (0.00057)	\$ (0.22)	\$ (0.02)	\$ 13.10	\$ 13.08	-0.14%
				KF3	Directional (Flood)	0.175	700	\$ (0.00057)	\$ (0.40)	\$ (0.03)	\$ 15.49	\$ 15.46	-0.21%
				KF4	Directional (Flood)	0.297	1,188	\$ (0.00057)	\$ (0.68)	\$ (0.06)	\$ 22.20	\$ 22.14	-0.25%
35.1	LS	Underground Service	Light Emitting Diode (LED)										
				KC2	Cobra Head	0.022	88	\$ (0.00057)	\$ (0.05)	\$ (0.00)	\$ 4.00	\$ 4.00	-0.10%
				396	Cobra Head	0.071	284	\$ (0.00057)	\$ (0.16)	\$ (0.01)	\$ 5.24	\$ 5.23	-0.26%
				397	Cobra Head	0.122	488	\$ (0.00057)	\$ (0.28)	\$ (0.02)	\$ 7.30	\$ 7.28	-0.32%
				398	Cobra Head	0.194	776	\$ (0.00057)	\$ (0.44)	\$ (0.04)	\$ 10.54	\$ 10.50	-0.35%
				399	Colonial, 4-Sided	0.044	176	\$ (0.00057)	\$ (0.10)	\$ (0.01)	\$ 7.41	\$ 7.40	-0.11%
				KA1	Acorn	0.040	160	\$ (0.00057)	\$ (0.09)	\$ (0.01)	\$ 8.83	\$ 8.82	-0.09%
				KN1	Contemporary	0.057	228	\$ (0.00057)	\$ (0.13)	\$ (0.01)	\$ 6.87	\$ 6.86	-0.16%
				KN2	Contemporary	0.087	348	\$ (0.00057)	\$ (0.20)	\$ (0.02)	\$ 8.00	\$ 7.98	-0.21%
				KN3	Contemporary	0.143	572	\$ (0.00057)	\$ (0.33)	\$ (0.03)	\$ 9.74	\$ 9.71	-0.28%
				KN4	Contemporary	0.220	880	\$ (0.00057)	\$ (0.50)	\$ (0.04)	\$ 14.13	\$ 14.09	-0.30%
				KN5	Contemporary	0.380	1,520	\$ (0.00057)	\$ (0.87)	\$ (0.07)	\$ 21.32	\$ 21.25	-0.34%
				KF5	Directional (Flood)	0.030	120	\$ (0.00057)	\$ (0.07)	\$ (0.01)	\$ 8.17	\$ 8.16	-0.07%
				KF6	Directional (Flood)	0.096	384	\$ (0.00057)	\$ (0.22)	\$ (0.02)	\$ 10.00	\$ 9.98	-0.18%
				KF7	Directional (Flood)	0.175	700	\$ (0.00057)	\$ (0.40)	\$ (0.03)	\$ 12.38	\$ 12.35	-0.27%
				KF8	Directional (Flood)	0.297	1,188	\$ (0.00057)	\$ (0.68)	\$ (0.06)	\$ 19.09	\$ 19.03	-0.30%
35.2	LS	Rate (continued)	High Pressure Sodium										
				414	Victorian	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)	\$ 35.69	\$ 35.67	-0.04%
				415	Victorian	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)	\$ 35.85	\$ 35.83	-0.06%

\* Per KU's Tariff Sheet No. 67, kWh consumed by lighting units are based on 4,000 hours of use per year.

** Current Fuel Base	Proposed Fuel Base	Difference
\$ 0.02452	\$ 0.02395	\$ (0.00057)

Tariff Sheet	Tariff	Service Type	Bulb Type	Rate Code	Fixture Type	kW Per Light	kWh per Year*	Fuel Factor Decrease \$/kWh**	Annual Decrease	Monthly Decrease	Monthly Charge					
											Existing Monthly Fixture Charge	Proposed Monthly Fixture Charge	% Change	Existing Monthly Fixture & Pole Charge	Proposed Monthly Fixture & Pole Charge	% Change
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
							(7) * 4,000	\$/ (0.00057)	(8) * (9)	(10) / 12 mos	(11) + (12)		(11) / (12)	(15) + (16)		(15) / (16)
36	RLS	Overhead Service	High Pressure Sodium													
				461/471	Cobra Head	0.060	240	\$ (0.00057)	\$ (0.14)	\$ (0.01)	\$ 9.42	\$ 9.41	-0.12%	\$ 12.87	\$ 12.86	-0.09%
				462/472	Cobra Head	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)	\$ 10.53	\$ 10.51	-0.15%	\$ 14.34	\$ 14.32	-0.11%
				463/473	Cobra Head	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)	\$ 10.87	\$ 10.85	-0.20%	\$ 14.90	\$ 14.88	-0.15%
				464/474	Cobra Head	0.242	968	\$ (0.00057)	\$ (0.55)	\$ (0.05)	\$ 16.86	\$ 16.81	-0.27%	\$ 21.18	\$ 21.13	-0.22%
				465/475	Cobra Head	0.471	1,884	\$ (0.00057)	\$ (1.07)	\$ (0.09)	\$ 26.57	\$ 26.48	-0.34%	\$ 29.45	\$ 29.36	-0.30%
				409	Cobra Head	0.471	1,884	\$ (0.00057)	\$ (1.07)	\$ (0.09)	\$ 14.58	\$ 14.49	-0.61%			
				426	Open Bottom	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)	\$ 9.16	\$ 9.14	-0.17%			
				428	Open Bottom	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)	\$ 9.34	\$ 9.32	-0.24%			
				487	Directional (Flood)	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)	\$ 10.71	\$ 10.69	-0.21%			
				488	Directional (Flood)	0.242	968	\$ (0.00057)	\$ (0.55)	\$ (0.05)	\$ 16.19	\$ 16.14	-0.28%			
				489	Directional (Flood)	0.471	1,884	\$ (0.00057)	\$ (1.07)	\$ (0.09)	\$ 22.76	\$ 22.67	-0.39%			
36.1	RLS	Overhead Service (continued)	Metal Halide													
				450/454	Directional (Flood)	0.150	600	\$ (0.00057)	\$ (0.34)	\$ (0.03)	\$ 17.10	\$ 17.07	-0.17%	\$ 22.05	\$ 22.02	-0.13%
				455	Directional (Flood)	0.350	1,400	\$ (0.00057)	\$ (0.80)	\$ (0.07)				\$ 28.81	\$ 28.74	-0.23%
				452/459	Directional (Flood)	1.080	4,320	\$ (0.00057)	\$ (2.46)	\$ (0.21)	\$ 49.26	\$ 49.05	-0.42%	\$ 54.20	\$ 53.99	-0.38%
				451	Directional (Flood)	0.350	1,400	\$ (0.00057)	\$ (0.80)	\$ (0.07)	\$ 23.86	\$ 23.79	-0.28%			
			Mercury Vapor													
				446/456	Cobra Head	0.207	828	\$ (0.00057)	\$ (0.47)	\$ (0.04)	\$ 11.61	\$ 11.57	-0.34%	\$ 13.87	\$ 13.83	-0.28%
				447/457	Cobra Head	0.294	1,176	\$ (0.00057)	\$ (0.67)	\$ (0.06)	\$ 13.69	\$ 13.63	-0.41%	\$ 15.60	\$ 15.54	-0.36%
				448/458	Cobra Head	0.453	1,812	\$ (0.00057)	\$ (1.03)	\$ (0.09)	\$ 14.88	\$ 14.79	-0.58%	\$ 17.45	\$ 17.36	-0.49%
				404	Open Bottom	0.207	828	\$ (0.00057)	\$ (0.47)	\$ (0.04)	\$ 12.34	\$ 12.30	-0.32%			
			Incandescent													
				421	Tear Drop	0.102	408	\$ (0.00057)	\$ (0.23)	\$ (0.02)	\$ 3.96	\$ 3.94	-0.49%			
				422	Tear Drop	0.201	804	\$ (0.00057)	\$ (0.46)	\$ (0.04)	\$ 5.13	\$ 5.09	-0.74%			
				424	Tear Drop	0.327	1,308	\$ (0.00057)	\$ (0.75)	\$ (0.06)	\$ 7.82	\$ 7.76	-0.79%			
				425	Tear Drop	0.447	1,788	\$ (0.00057)	\$ (1.02)	\$ (0.08)	\$ 10.18	\$ 10.10	-0.83%			
			Underground Service													
			Metal Halide													
				460	Directional (Flood)	0.150	600	\$ (0.00057)	\$ (0.34)	\$ (0.03)				\$ 32.79	\$ 32.76	-0.09%
				469	Directional (Flood)	0.350	1,400	\$ (0.00057)	\$ (0.80)	\$ (0.07)				\$ 38.61	\$ 38.54	-0.17%
				470	Directional (Flood)	1.080	4,320	\$ (0.00057)	\$ (2.46)	\$ (0.21)				\$ 63.76	\$ 63.55	-0.32%
36.2	RLS	Underground Service (continued)	Metal Halide (continued)													
				490	Contemporary	0.150	600	\$ (0.00057)	\$ (0.34)	\$ (0.03)	\$ 18.48	\$ 18.45	-0.15%			
				491	Contemporary	0.350	1,400	\$ (0.00057)	\$ (0.80)	\$ (0.07)	\$ 25.81	\$ 25.74	-0.26%			
				493	Contemporary	1.080	4,320	\$ (0.00057)	\$ (2.46)	\$ (0.21)	\$ 53.03	\$ 52.82	-0.39%			
				494	Contemporary	0.150	600	\$ (0.00057)	\$ (0.34)	\$ (0.03)				\$ 32.99	\$ 32.96	-0.09%
				495	Contemporary	0.350	1,400	\$ (0.00057)	\$ (0.80)	\$ (0.07)				\$ 40.55	\$ 40.48	-0.16%
				496	Contemporary	1.080	4,320	\$ (0.00057)	\$ (2.46)	\$ (0.21)				\$ 67.53	\$ 67.32	-0.30%
			High Pressure Sodium													
				440	Acorn	0.060	240	\$ (0.00057)	\$ (0.14)	\$ (0.01)				\$ 17.03	\$ 17.02	-0.07%
				410	Acorn	0.060	240	\$ (0.00057)	\$ (0.14)	\$ (0.01)				\$ 24.27	\$ 24.26	-0.05%
				401	Acorn	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)				\$ 18.14	\$ 18.12	-0.09%
				411	Acorn	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)				\$ 25.76	\$ 25.74	-0.06%
				420	Acorn	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)				\$ 18.46	\$ 18.44	-0.12%
				430	Acorn	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)				\$ 26.21	\$ 26.19	-0.08%
				466	Colonial	0.060	240	\$ (0.00057)	\$ (0.14)	\$ (0.01)				\$ 11.85	\$ 11.84	-0.10%
				412	Coach	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)				\$ 35.68	\$ 35.66	-0.04%
				413	Coach	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)				\$ 35.86	\$ 35.84	-0.06%
				467	Colonial	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)				\$ 13.38	\$ 13.36	-0.12%
				468	Colonial	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)				\$ 13.56	\$ 13.54	-0.16%
				492	Contemporary	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)	\$ 18.07	\$ 18.05	-0.09%			
				476	Contemporary	0.083	332	\$ (0.00057)	\$ (0.19)	\$ (0.02)				\$ 20.40	\$ 20.38	-0.08%
				497	Contemporary	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)	\$ 17.78	\$ 17.76	-0.13%			
				477	Contemporary	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)				\$ 25.00	\$ 24.98	-0.09%
				498	Contemporary	0.242	968	\$ (0.00057)	\$ (0.55)	\$ (0.05)	\$ 20.78	\$ 20.73	-0.22%			
				478	Contemporary	0.242	968	\$ (0.00057)	\$ (0.55)	\$ (0.05)				\$ 32.21	\$ 32.16	-0.14%
				499	Contemporary	0.471	1,884	\$ (0.00057)	\$ (1.07)	\$ (0.09)	\$ 25.05	\$ 24.96	-0.36%			
				479	Contemporary	0.471	1,884	\$ (0.00057)	\$ (1.07)	\$ (0.09)				\$ 39.56	\$ 39.47	-0.23%
				300	Dark Sky	0.060	240	\$ (0.00057)	\$ (0.14)	\$ (0.01)				\$ 26.10	\$ 26.09	-0.04%
				301	Dark Sky	0.117	468	\$ (0.00057)	\$ (0.27)	\$ (0.02)				\$ 27.16	\$ 27.14	-0.08%

\* Per KU's Tariff Sheet No. 67, kWh consumed by lighting units are based on 4,000 hours of use per year.

** Current Fuel Base	Proposed Fuel Base	Difference
\$ 0.02452	\$ 0.02395	\$ (0.00057)

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 27**

**Responding Witness: Andrea M. Fackler**

- Q-27. Provide a copy of the current tariff showing by cross-outs and inserts all proposed changes in rates.
- A-27. See attached. Attachment 1 is a red-lined version of the current tariff sheets reflecting the proposed changes in rates. Attachment 2 is a clean version of the proposed tariff sheets. As noted in the response to Question No. 26, the current tariffs are subject to change pending the Commission's issuance of a Final Order in KU's base rate proceeding (Case No. 2020-00349).

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second~~Third Revision of Original Sheet No. 5  
 Canceling P.S.C. No. 19, ~~First~~Second Revision of Original Sheet No. 5

Fackler

**Standard Rate****RS****Residential Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for single-phase secondary delivery to single family residential service subject to the terms and conditions on Sheet No. 100 of this Tariff. Three-phase service under this rate schedule is restricted to those Customers being billed on this rate schedule as of July 1, 2004.

**RATE**

Basic Service Charge per day: \$0.53

Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.05886	<del>\$0.030770</del> .03020	<del>\$0.089630</del> .08906	R/-R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Home Energy Assistance Program	Sheet No. 92
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**LATE PAYMENT CHARGE**

If full payment is not received by the due date of the bill, a 3% late payment charge will be assessed on the current month's charges. Residential Customers who receive a pledge for or notice of low income energy assistance from an authorized agency will not be assessed or required to pay a late payment charge for the bill for which the pledge or notice is received, nor will they be assessed or required to pay a late payment charge in any of the eleven (11) months following receipt of such pledge or notice. Beginning May 1, 2019, Residential Service Customers in good standing by not having been assessed a Late Payment Charge for the previous eleven (11) months have the option of waiving one (1) late payment charge upon request. This option may only be used once every twelve (12) months as long as the Customer remains in good standing.

**TERMS AND CONDITIONS**

Service will be furnished under Company's Terms and Conditions applicable hereto.

**DATE OF ISSUE:** ~~January 7, 2020~~March 22, 2021

**DATE EFFECTIVE:** With Service Rendered  
 On and After ~~February 1, 2020~~September 1, 2021

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
 State Regulation and Rates  
 Lexington, Kentucky

**Issued by Authority of an Order of the  
 Public Service Commission in Case No.**

~~2019-00004 dated December 26, 2019~~2021-00055 dated XXXX



**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 6  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 6

Fackler

**Standard Rate****RTOD-Energy****Residential Time-of-Day Energy Service****APPLICABLE**

In the territory served.

**AVAILABILITY**

Available as an option to Customers otherwise served under Rate RS.

1. Service under this rate schedule is limited to a maximum of five hundred (500) Customers taking service on Rates RTOD-Energy and RTOD-Demand combined that are eligible for Rate RS. Company will accept Customers on a first-come-first-served basis.
2. This service is also available to Customers on Rate GS (where the Rate GS service is used in conjunction with a Rate RS service to provide service to a detached garage and energy usage is no more than 300 kWh per month) who demonstrate power delivered to such detached garage is consumed, in part, for the powering of low emission vehicles licensed for operation on public streets or highways. Such vehicles include:
  - a) battery electric vehicles or plug-in hybrid electric vehicles recharged through a charging outlet at Customer's premises,
  - b) natural gas vehicles refueled through an electric-powered refueling appliance at Customer's premises.
3. A Customer electing to take service under this rate schedule who subsequently elects to take service under Rate RS may not be allowed to return to this optional rate for twelve (12) months from the date of exiting this rate schedule.

**RATE**

Basic Service Charge per day:	\$0.53		
Plus an Energy Charge per kWh:		Infrastructure	Variable
Off-Peak Hours:	\$0.02683		Total
	<del>\$0.057600.05703</del>		<del>\$0.030770.03020</del>
On-Peak Hours:	\$0.24465		<del>\$0.030770.03020</del>
	<del>\$0.275420.27485</del>		

R/R  
R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Home Energy Assistance Program	Sheet No. 92
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**DATE OF ISSUE:** ~~January 7, 2020~~ March 22, 2021**DATE EFFECTIVE:** With Service Rendered  
On and After ~~February 1, 2020~~ September 1, 2021**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
State Regulation and Rates  
Lexington, Kentucky**Issued by Authority of an Order of the**

Public Service Commission in Case No.

~~2019-00004 dated December 26, 2019~~ 2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 7  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 7

**Standard Rate****RTOD-Demand****Residential Time-of-Day Demand Service****APPLICABLE**

In the territory served.

**AVAILABILITY**

Available as an option to Customers otherwise served under Rate RS.

1. Service under this rate schedule is limited to a maximum of five-hundred (500) Customers taking service on Rates RTOD-Demand and RTOD-Energy combined that are eligible for Rate RS. Company will accept Customers on a first-come-first-served basis.
2. This service is also available to Customers on Standard Rate GS (where the Rate GS service is used in conjunction with a Rate RS service to provide service to a detached garage and energy usage is no more than 300 kWh per month) who demonstrate power delivered to such detached garage is consumed, in part, for the powering of low emission vehicles licensed for operation on public streets or highways. Such vehicles include:
  - a. battery electric vehicles or plug-in hybrid electric vehicles recharged through a charging outlet at Customer's premises,
  - b. natural gas vehicles refueled through an electric-powered refueling appliance at Customer's premises.
3. A Customer electing to take service under this rate schedule who subsequently elects to take service under Rate RS may not be allowed to return to this optional rate for twelve (12) months from the date of exiting this rate schedule.

**RATE**

Basic Service Charge per day:	\$0.53			
Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.01276	<del>\$0.03077</del>	<u>0.03020</u>	R/R
	<del>\$0.04353</del>	<del>0.04296</del>		
Plus a Demand Charge per kW:				
Base Hours:	\$3.44			
Peak Hours:	\$8.90			

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Home Energy Assistance Program	Sheet No. 92
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**DATE OF ISSUE:** ~~January 7, 2020~~ March 22, 2021**DATE EFFECTIVE:** With Service Rendered  
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**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 9  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 9

Fackler

Standard Rate

VFD

**Volunteer Fire Department Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for single-phase delivery, in accordance with the provisions of KRS 278.172, to any volunteer fire department qualifying for aid under KRS 95A.262. Service under this rate schedule is at the option of Customer with Customer determining whether service will be provided under this schedule or any other schedule applicable to this load.

**DEFINITION**

To be eligible for this rate a volunteer fire department is defined as:

- 1) having at least 12 members and a chief;
- 2) having at least one firefighting apparatus; and
- 3) half the members must be volunteers.

**RATE**

Basic Service Charge per day: \$0.53

Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.05886	<del>\$0.030770</del> <u>0.03020</u>		R/R

~~\$0.089630~~ 0.08906

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**LATE PAYMENT CHARGE**

If full payment is not received by the due date of the bill, a 3% late payment charge will be assessed on the current month's charges.

**TERMS AND CONDITIONS**

Service will be furnished under Company's Terms and Conditions applicable hereto.

**DATE OF ISSUE:** ~~January 7, 2020~~ March 22, 2021

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 Lexington, Kentucky

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| ~~2019-00004 dated December 26, 2019~~ 2021-00055 dated XXXX



**Kentucky Utilities Company**

P.S.C. No. 19, Second Revision of Original Sheet No. 12  
 Canceling P.S.C. No. 19, First Revision of Original Sheet No. 12

Fackler

**Standard Rate****AES****All Electric School****APPLICABLE**

In all territory served.

**AVAILABILITY**

Service under this rate is available for secondary and primary service to:

1. a complex of school buildings on a central campus;
2. an individual school building; or
3. an addition to an existing school building.

School buildings, as referred to herein, shall be defined as buildings used as classrooms, laboratories, gymnasiums, libraries, cafeterias, school related offices or for other bona fide school purposes by duly constituted school authorities of Kentucky. Served electrically by Kentucky Utilities Company, such energy requirements include, but are not limited to, lighting, heating, cooling, and water heating. School buildings not receiving every energy requirement electrically shall be separately metered from the above defined service and served under the applicable rate. Other fuels may be used as incidental to and for instructional laboratory and other miscellaneous purposes without affecting the availability of this rate.

At those locations where the school owns its distribution system and makes the service connections to the various buildings and/or load centers, Company shall be given the option of providing service by use of the existing Customer-owned distribution system, or of constructing its own facilities in accordance with Company's Overhead Construction Standards. In any event, Company's investment in the facilities it provides may be limited to an amount not exceeding twice the estimated annual revenue from Customer's service. Should Company's investment in the facilities required to provide service to Customer exceed twice the revenue anticipated from the service to Customer and at Customer's option, Customer may make a contribution for the difference in the investment required in facilities necessary to provide service and twice the anticipated revenue, so as to receive service under this schedule.

This rate schedule is not available to privately operated kindergartens or daycare centers and is restricted to those Customers who were qualified for and being served on Rate AES as of July 1, 2011. Because this rate schedule is closed to new Customers, if Customer is taking service under this rate schedule and subsequently elects to take service under another rate schedule, Customer may not again take service under this rate schedule.

**RATE**

Basic Service Charge per day:                               \$ 2.80 single-phase service  
   \$ 4.60 three-phase service

Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.05638	<del>\$0.03094</del> <u>0.03037</u>	<del>\$0.08732</del> <u>0.08675</u>	R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**DATE OF ISSUE:** ~~January 7, 2020~~ March 22, 2021

**DATE EFFECTIVE:** With Service Rendered  
 On and After ~~February 1, 2020~~ September 1, 2021

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
 State Regulation and Rates  
 Lexington, Kentucky

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~~2019-00004 dated December 26, 2019~~ 2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 15  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 15

Fackler

**Standard Rate****PS****Power Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for secondary or primary service and limited to Customers whose twelve (12) month-average monthly minimum secondary loads exceed 50 kW and whose twelve (12) month-average monthly maximum loads do not exceed 250 kW. Secondary or primary Customers receiving service under P.S.C. 13, Fourth Revision of Original Sheet No. 20, Large Power Service, or Fourth Revision of Original Sheet No. 30, Mine Power Service, as of February 6, 2009, with loads not meeting these criteria will continue to be served under this rate at their option. If Customer is taking service under this rate schedule and subsequently elects to take service under another rate schedule, Customer may not again take service under this rate schedule unless and until Customer meets the Availability requirements that would apply to a new Customer.

**RATE**

	Secondary	Primary	
Basic Service Charge per day:	\$2.96	\$7.89	
Plus an Energy Charge per kWh:	<del>\$0.032490.03192</del>	<del>\$0.031900.03133</del>	R/R
Plus a Demand Charge per kW:			
Summer Rate:			
(Five Billing Periods of May through September)	\$22.77	\$22.84	
Winter Rate:			
(All other months)	\$20.39	\$20.50	

Where the monthly billing demand is the greater of:

- the maximum measured load in the current billing period but not less than 50 kW for secondary service or 25 kW for primary service, or
- a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, or
- if applicable, a minimum of 60% of the contract capacity based on the maximum expected load on the system or on facilities specified by Customer.

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 State Regulation and Rates  
 Lexington, Kentucky

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**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 20  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 20

Fackler

Standard Rate

TODS

Time-of-Day Secondary Service

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for secondary service to Customers whose twelve (12) month-average monthly minimum loads exceed 250 kVA, and whose twelve (12) month-average monthly maximum loads do not exceed 5,000 kVA.

**RATE**

Basic Service Charge per day: \$6.58

Plus an Energy Charge per kWh: ~~\$0.02658~~0.02601

R

Plus a Maximum Load Charge per kVA:

Peak Demand Period: \$8.79

Intermediate Demand Period: \$7.07

Base Demand Period: \$1.75

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 250 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

DATE OF ISSUE: ~~January 7, 2020~~March 22, 2021DATE EFFECTIVE: With Service Rendered  
On and After ~~February 1, 2020~~September 1, 2021ISSUED BY: /s/ Robert M. Conroy, Vice President  
State Regulation and Rates  
Lexington, Kentucky

Issued by Authority of an Order of the  
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~~2019-00004 dated December 26, 2019~~2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 22  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 22

Fackler

Standard Rate

TODP

Time-of-Day Primary Service

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for primary service to Customers whose twelve (12) month-average monthly minimum demands exceed 250 kVA, and whose new or additional load receives any required approval of Company's transmission operator.

**RATE**

Basic Service Charge per day: \$10.84

Plus an Energy Charge per kWh: ~~\$0.025730~~ 0.02516

R

Plus a Maximum Load Charge per kVA:

Peak Demand Period: \$8.52

Intermediate Demand Period: \$6.84

Base Demand Period: \$2.03

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 250 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

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~~2019-00004 dated December 26, 2019~~ 2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 25  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 25

Fackler

Standard Rate

RTS

Retail Transmission Service

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for transmission service to any Customer: (1) who has a twelve (12) month-average monthly minimum demand exceeding 250 kVA; and (2) whose new or additional load receives any required approval of Company's transmission operator.

**RATE**

Basic Service Charge per day:	\$49.28	
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Plus an Energy Charge per kWh:	<del>\$0.025130</del> <u>0.02456</u>	R
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Plus a Maximum Load Charge per kVA:		
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Peak Demand Period:	\$8.39	
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Intermediate Demand Period:	\$6.74	
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Base Demand Period:	\$1.23	
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Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 250 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
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~~2019-00004 dated December 26, 2019~~ 2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 30  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 30

Fackler

**Standard Rate****FLS****Fluctuating Load Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for primary or transmission service to Customers up to an aggregate of two hundred (200) MVA for all Customers taking service under this schedule and under the Fluctuating Load Service Rate FLS schedule of Louisville Gas and Electric Company. This schedule is restricted to individual Customers whose monthly demand is twenty (20) MVA or greater. A Customer is defined as a fluctuating load if that Customer's load either increases or decreases twenty (20) MVA or more per minute or seventy (70) MVA or more in ten (10) minutes when such increases or decreases exceed one (1) occurrence per hour during any hour of the billing month.

Subject to the above aggregate limit of two hundred (200) MVA, this schedule is mandatory for all Customers whose load is defined as fluctuating and not served on another rate schedule as of July 1, 2004.

**BASE RATE**

	<u>Primary</u>	<u>Transmission</u>	
Basic Service Charge per day:	\$10.84	\$49.28	
Plus an Energy Charge per kWh:	<del>\$0.025730</del> <u>0.02516</u>	<del>\$0.025130</del> <u>0.02456</u>	R/R
Plus a Maximum Load Charge per kVA:			
Peak Demand Period:	\$7.66	\$4.42	
Intermediate Demand Period:	\$6.06	\$3.22	
Base Demand Period:	\$2.30	\$1.27	

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 20,000 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

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**Kentucky Utilities Company**

P.S.C. No. 19, ~~First~~**Second** Revision of Original Sheet No. 35  
 Canceling P.S.C. No. 19, ~~First~~**Revision of** Original Sheet No. 35

Fackler

Standard Rate

LS

**Lighting Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available under the conditions set out hereinafter for lighting applications such as, but not limited to, the illumination of streets, driveways, yards, lots, and other outdoor areas where secondary voltage of 120/240 is available.

Service will be provided under written contract, signed by Customer prior to service commencing, when additional facilities are required.

**OVERHEAD SERVICE**

Based on Customer's lighting choice, Company will furnish, own, install, and maintain the lighting unit. A basic overhead service includes lamp, fixture, photoelectric control, mast arm, and, if needed, up to 150 feet of conductor per fixture on existing wood poles (fixture only).

**RATE**

Rate Code	Type of Fixture	Lumen Range	kW Per Light	Monthly Charge Fixture Only	
<b>Light Emitting Diode (LED)</b>					
390	Cobra Head	6,000-8,200	0.071	\$ <del>9.929.91</del>	R
391	Cobra Head	13,000-16,500	0.122	\$ <del>11.9641.98</del>	R
392	Cobra Head	22,000-29,000	0.194	\$ <del>15.1845.22</del>	R
393	Open Bottom	4,500-6,000	0.048	\$ <del>8.568.57</del>	R
KC1	Cobra Head	2,500-4,000	0.022	\$ 8.67	R
KF1	Directional (Flood)	4,500-6,000	0.030	\$ <del>11.2741.28</del>	R
KF2	Directional (Flood)	14,000-17,500	0.096	\$ <del>13.0843.40</del>	R
KF3	Directional (Flood)	22,000-28,000	0.175	\$ <del>15.4645.49</del>	R
KF4	Directional (Flood)	35,000-50,000	0.297	\$ <del>22.1422.20</del>	R

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**Kentucky Utilities Company**

P.S.C. No. 19, ~~First~~**Second** Revision of Original Sheet No. 35.1  
 Canceling P.S.C. No. 19, **First Revision of** Original Sheet No. 35.1

Fackler

Standard Rate

**LS**  
**Lighting Service**

**UNDERGROUND SERVICE**

Based on Customer's lighting choice, Company will furnish, own, install, and maintain poles, fixtures, and any necessary circuitry up to 200 feet. All poles and fixtures furnished by Company will be standard stocked materials. Company may decline to install equipment and provide service thereto in locations deemed by Company as unsuitable for underground installation.

**RATE**

<b>Rate Code</b>	<b>Type of Fixture</b>	<b>Lumen Range</b>	<b>kW Per Light</b>	<b>Fixture Charge</b>	
<b>Light Emitting Diode (LED)</b>					
KC2	Cobra Head	2,500-4,000	0.022	\$ 4.00	<del>R</del>
396	Cobra Head	6,000-8,200	0.071	\$ <del>5.235-24</del>	R
397	Cobra Head	13,000-16,500	0.122	\$ <del>7.287-30</del>	R
398	Cobra Head	22,000-29,000	0.194	\$ <del>10.5040.54</del>	R
399	Colonial, 4-Sided	4,000-7,000	0.044	\$ <del>7.407.41</del>	R
KA1	Acorn	4,000-7,000	0.040	\$ <del>8.828.83</del>	R
KN1	Contemporary	4,000-7,000	0.057	\$ <del>6.866.87</del>	R
KN2	Contemporary	8,000-11,000	0.087	\$ <del>7.988.00</del>	R
KN3	Contemporary	13,500-16,500	0.143	\$ <del>9.719.74</del>	R
KN4	Contemporary	21,000-28,000	0.220	\$ <del>14.0944.13</del>	R
KN5	Contemporary	45,000-50,000	0.380	\$ <del>21.2521.32</del>	R
KF5	Directional (Flood)	4,500-6,000	0.030	\$ <del>8.168-17</del>	R
KF6	Directional (Flood)	14,000-17,500	0.096	\$ <del>9.9840.00</del>	R
KF7	Directional (Flood)	22,000-28,000	0.175	\$ <del>12.3542.38</del>	R
KF8	Directional (Flood)	35,000-50,000	0.297	\$ <del>19.0349.09</del>	R

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 Public Service Commission in Case No.**

~~2019-0004 dated December 26, 2019~~2021-00055 dated XXXX



**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 35.2  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 35.2

Fackler

Standard Rate

**LS**  
**Lighting Service**

**RATE (continued)**

Rate Code	Type of Fixture	Lumen Range	kW Per Light	Monthly Charge	
<b>High Pressure Sodium</b>					
414	Victorian*	5,800	0.083	<del>\$35.69</del> <u>35.67</u>	R
415	Victorian*	9,500	0.117	<del>\$35.85</del> <u>35.83</u>	R

Units marked with an asterisk (\*) are non-LED offerings.

Colonial and Acom "Post Top" lights must include one of two pole options, a Decorative Smooth pole or a Historic Fluted pole. Underground fed Cobra and Contemporary LEDs must include a Cobra pole charge or Contemporary pole charge, respectively. The Underground fed Directional (Flood) LEDs must include a Cobra or Contemporary pole charge.

**Pole Charges**

Rate Code	Pole Type	Monthly Pole Charge
PK1	Cobra	\$12.12
PK2	Contemporary	\$11.64
PK3	Post Top – Decorative Smooth	\$ 8.01
PK4	Post Top – Historic Fluted	\$15.02

**CONVERSION FEE**

Customer will be required to pay a monthly conversion fee for 60 months if Customer requests to change current functioning non-LED fixture to an LED fixture. This conversion fee represents the remaining book value of the current working non-LED fixture.

Conversion Fee: \$6.03 per month for 60 months

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~~2019-0004 dated December 26, 2019~~2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second~~**Third** Revision of Original Sheet No. 36  
 Canceling P.S.C. No. 19, ~~Second~~**First** Revision of Original Sheet No. 36

Fackler

Standard Rate

RLS

**Restricted Lighting Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Availability is restricted to those lighting fixtures/poles in service as of January 1, 2013, except where a spot replacement maintains the continuity of multiple fixtures/poles in a neighborhood lighting system or continuity is desired for a subdivision being developed in phases. Spot placement of restricted fixtures/poles is contingent on the restricted fixtures/poles being available from manufacturers. Spot replacement of restricted units will be made under the terms and conditions provided for under non-restricted Lighting Service Rate LS. Spot replacements will not be available for Mercury Vapor and Incandescent rate codes.

In the event restricted fixtures/poles fail and replacements are unavailable, Customer will be given the choice of having Company remove the failed fixture/pole or replacing the failed fixture/pole with other available fixture/pole.

Units marked with an asterisk (\*) are not available for use in residential neighborhoods except by municipal authorities.

**OVERHEAD SERVICE**

Based on Customer's lighting choice, Company has furnished, installed, and maintained the lighting unit complete with lamp, fixture, photoelectric control, mast arm, and, if needed, up to 150 feet of conductor per fixture on existing wood poles (fixture only).

RATE	Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Monthly Charge		
					Fixture Only	Fixture and Pole	
<b>High Pressure Sodium</b>							
	461/471	Cobra Head	4,000	0.060	\$ <del>9.42</del> <b>9.41</b>	\$ <del>12.87</del> <b>12.86</b>	R/R
	462/472	Cobra Head	5,800	0.083	<del>10.53</del> <b>10.51</b>	<del>14.34</del> <b>14.32</b>	R/R
	463/473	Cobra Head	9,500	0.117	<del>10.87</del> <b>10.85</b>	<del>14.90</del> <b>14.88</b>	R/R
	464/474	Cobra Head	22,000*	0.242	<del>16.86</del> <b>16.81</b>	<del>21.18</del> <b>21.13</b>	R/R
	465/475	Cobra Head	50,000*	0.471	<del>26.57</del> <b>26.48</b>	<del>29.45</del> <b>29.36</b>	R/R
	409	Cobra Head	50,000	0.471	<del>14.58</del> <b>14.49</b>		R
	426	Open Bottom	5,800	0.083	<del>9.14</del> <b>9.16</b>		R
	428	Open Bottom	9,500	0.117	<del>9.32</del> <b>9.34</b>		R
	487	Directional (Flood)	9,500	0.117	<del>10.74</del> <b>10.69</b>		R
	488	Directional (Flood)	22,000*	0.242	<del>16.19</del> <b>16.14</b>		R
	489	Directional (Flood)	50,000*	0.471	<del>22.76</del> <b>22.67</b>		R

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 Public Service Commission in Case No.  
 2019-00004 dated December 26, 2019****2021-00055 dated XXXX**

## Kentucky Utilities Company

P.S.C. No. 19, ~~Second Third~~ Revision of Original Sheet No. 36.1  
 Canceling P.S.C. No. 19, ~~First Second~~ Revision of Original Sheet No. 36.1

Fackler

Standard Rate

RLS

## Restricted Lighting Service

## OVERHEAD SERVICE (continued)

RATE Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Monthly Charge		
				Fixture Only	Fixture and Pole	
<b>Metal Halide</b>						
450/454	Directional (Flood)	12,000*	0.150	<del>\$17.40</del> <u>17.07</u>	<del>\$22.02</del> <u>22.05</u>	R/R
455	Directional (Flood)	32,000*	0.350		<del>28.81</del> <u>28.74</u>	R
452/459	Directional (Flood)	107,800*	1.080	<del>49.26</del> <u>49.05</u>	<del>54.20</del> <u>53.99</u>	R/R
451	Directional (Flood)	32,000*	0.350	<del>23.86</del> <u>23.79</u>		R
<b>Mercury Vapor</b>						
446/456	Cobra Head	7,000	0.207	<del>\$11.64</del> <u>11.57</u>	<del>\$13.87</del> <u>13.83</u>	R/R
447/457	Cobra Head	10,000	0.294	<del>13.69</del> <u>13.63</u>	<del>15.60</del> <u>15.54</u>	R/R
448/458	Cobra Head	20,000	0.453	<del>14.88</del> <u>14.79</u>	<del>17.45</del> <u>17.36</u>	R/R
404	Open Bottom	7,000	0.207	<del>12.34</del> <u>12.30</u>		R
<b>Incandescent</b>						
421	Tear Drop	1,000	0.102	<del>3.96</del> <u>3.94</u>		R
422	Tear Drop	2,500	0.201	<del>5.13</del> <u>5.09</u>		R
424	Tear Drop	4,000	0.327	<del>7.82</del> <u>7.76</u>		R
425	Tear Drop	6,000	0.447	<del>10.18</del> <u>10.10</u>		R

Where the location of existing poles was not suitable, or where there were no existing poles for mounting of lights, and Customer requested service under these conditions, Company may have furnished the requested facilities at an additional charge determined under the Excess Facilities Rider.

## UNDERGROUND SERVICE

Based on Customer's lighting choice, Company has furnished, installed, and maintained the lighting unit complete with lamp, fixture, photoelectric control, mast arm, and, if needed, up to 200 feet of conductor per fixture on appropriate poles.

RATE Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Pole Type	Monthly Charge	
<b>Metal Halide</b>						
460	Directional (Flood)	12,000	0.150	Decorative Smooth	<del>\$32.79</del> <u>32.76</u>	R
469	Directional (Flood)	32,000	0.350	Decorative Smooth	<del>38.64</del> <u>38.54</u>	R
470	Directional (Flood)	107,800*	1.080	Decorative Smooth	<del>63.76</del> <u>63.55</u>	R

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## Kentucky Utilities Company

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 36.2  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 36.2

Fackler

Standard Rate

RLS

Restricted Lighting Service

## UNDERGROUND SERVICE (continued)

## RATE

Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Pole Type	Monthly Charge
<b>Metal Halide (continued)</b>					
490	Contemporary	12,000*	0.150	Fixture Only	<del>\$18.48</del> <u>18.45</u> R
491	Contemporary	32,000*	0.350	Fixture Only	<del>\$25.84</del> <u>25.74</u> R
493	Contemporary	107,800*	1.080	Fixture Only	<del>\$53.03</del> <u>52.82</u> R
494	Contemporary	12,000*	0.150	Decorative Smooth	<del>\$32.99</del> <u>32.96</u> R
495	Contemporary	32,000*	0.350	Contemporary	<del>\$40.55</del> <u>40.48</u> R
496	Contemporary	107,800*	1.080	Decorative Smooth	<del>\$67.53</del> <u>67.32</u> R
<b>High Pressure Sodium</b>					
440	Acorn	4,000	0.060	Decorative Smooth	<del>\$17.03</del> <u>17.02</u> R
410	Acorn	4,000	0.060	Historic Fluted	<del>\$24.27</del> <u>24.26</u> R
401	Acorn	5,800	0.083	Decorative Smooth	<del>\$18.14</del> <u>18.12</u> R
411	Acorn	5,800	0.083	Historic Fluted	<del>\$25.76</del> <u>25.74</u> R
420	Acorn	9,500	0.117	Decorative Smooth	<del>\$18.46</del> <u>18.44</u> R
430	Acorn	9,500	0.117	Historic Fluted	<del>\$26.24</del> <u>26.19</u> R
466	Colonial	4,000	0.060	Decorative Smooth	<del>\$41.85</del> <u>41.84</u> R
412	Coach	5,800	0.083	Decorative Smooth	<del>\$35.68</del> <u>35.66</u> R
413	Coach	9,500	0.117	Decorative Smooth	<del>\$35.86</del> <u>35.84</u> R
467	Colonial	5,800	0.083	Decorative Smooth	<del>\$13.38</del> <u>13.36</u> R
468	Colonial	9,500	0.117	Decorative Smooth	<del>\$13.56</del> <u>13.54</u> R
492	Contemporary	5,800	0.083	Fixture Only	<del>\$18.07</del> <u>18.05</u> R
476	Contemporary	5,800	0.083	Contemporary	<del>\$20.40</del> <u>20.38</u> R
497	Contemporary	9,500	0.117	Fixture Only	<del>\$17.78</del> <u>17.76</u> R
477	Contemporary	9,500	0.117	Contemporary	<del>\$25.00</del> <u>24.98</u> R
498	Contemporary	22,000*	0.242	Fixture Only	<del>\$20.78</del> <u>20.73</u> R
478	Contemporary	22,000*	0.242	Contemporary	<del>\$32.24</del> <u>32.16</u> R
499	Contemporary	50,000*	0.471	Fixture Only	<del>\$25.05</del> <u>24.96</u> R
479	Contemporary	50,000*	0.471	Contemporary	<del>\$39.56</del> <u>39.47</u> R
300	Dark Sky	4,000	0.060	Decorative Smooth	<del>\$26.40</del> <u>26.09</u> R
301	Dark Sky	9,500	0.117	Decorative Smooth	<del>\$27.16</del> <u>27.14</u> R

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**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 37  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 37

Fackler

Standard Rate

LE

Lighting Energy Service

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available to municipalities, county governments, divisions or agencies of the state or Federal governments, civic associations, and other public or quasi-public agencies for service to public street and highway lighting systems, where the municipality or other agency owns and maintains all street lighting equipment and other facilities on its side of the point of delivery of the energy supplied hereunder.

**RATE**\$~~0.069980~~.06941 per kWh

R

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**CONDITIONS OF DELIVERY**

1. Service hereunder will be metered except when, by mutual agreement of Company and Customer, an unmetered installation will be more satisfactory from the standpoint of both parties. In the case of unmetered service, billing will be based on a calculated consumption taking into account the types of equipment served.
2. The location of the point of delivery of the energy supplied hereunder and the voltage at which such delivery is effected shall be mutually agreed upon by Company and the Customer in consideration of the type and size of Customer's street lighting system and the voltage which Company has available for delivery.

**TERMS AND CONDITIONS**

Service will be furnished under Company's Terms and Conditions applicable hereto.

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**DATE OF ISSUE:** ~~January 7, 2020~~ March 22, 2021

**DATE EFFECTIVE:** With Service Rendered  
 On and After ~~February 1, 2020~~ September 1, 2021

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
 State Regulation and Rates  
 Lexington, Kentucky

**Issued by Authority of an Order of the  
 Public Service Commission in Case No.**

~~2019-00004 dated December 26, 2019~~ 2021-00055 dated XXXX

**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 38  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 38

Fackler

Standard Rate

TE

Traffic Energy Service

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available to municipalities, county governments, divisions of the state or Federal governments or any other governmental agency for service on a 24-hour all-day every-day basis, where the governmental agency owns and maintains all equipment on its side of the point of delivery of the energy supplied hereunder. In the application of this rate each point of delivery will be considered as a separate Customer.

This service is limited to traffic control devices including, but not limited to, signals, cameras, or other traffic lights, electronic communication devices, emergency sirens, and gunshot triangulation devices.

**RATE**

Basic Service Charge per day: \$0.13 per delivery point

Plus an Energy Charge per kWh: ~~\$0.086890~~ 0.08632

R

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**CONDITIONS OF SERVICE**

1. Service hereunder will be metered except when, by mutual agreement of Company and Customer, an unmetered installation will be more satisfactory from the standpoint of both parties. In the case of unmetered service, billing will be based on a calculated consumption, taking into account the size and characteristics of the load, or on meter readings obtained from a similar installation.

**DATE OF ISSUE:** ~~January 7, 2020~~ March 22, 2021

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 Lexington, Kentucky

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**Kentucky Utilities Company**

P.S.C. No. 19, ~~Second-Third~~ Revision of Original Sheet No. 81  
 Canceling P.S.C. No. 19, ~~First-Second~~ Revision of Original Sheet No. 81

Fackler

Standard Rate Pilot

OSL

**Outdoor Sports Lighting Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available as an optional pilot program for secondary and primary service used by a Customer for lighting specifically designed for outdoor fields which are normally used for organized competitive sports. Service under this rate schedule is limited to a maximum of twenty Customers. Company will accept Customers on a first-come-first-served basis.

**RATE**

	Secondary	Primary	
Basic Service Charge per day:	\$2.96	\$7.89	
Plus an Energy Charge per kWh of:	<del>\$0.032490</del> <u>0.03192</u>	<del>\$0.030320</del> <u>0.02975</u>	R/R
Plus a Maximum Load Charge per kW of:			
Peak Demand Period .....	\$24.17	\$20.04	
Base Demand Period .....	\$2.02	\$2.03	

Where:

the monthly billing demand for the Peak Demand Period is the greater of:

1. the maximum measured load in the billing period, or
2. a minimum of 50% of the highest billing demand in the preceding eleven (11) monthly billing periods.

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the billing period, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. if applicable, the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

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**Kentucky Utilities Company**

P.S.C. No. 19, ~~First~~Second Revision of Original Sheet No. 85.1  
 Canceling ~~First Revision of~~ P.S.C. No. 19, Original Sheet No. 85.1

Fackler

**Adjustment Clause****FAC****Fuel Adjustment Clause**

3. Forced Outages are all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection or acts of the public enemy, then the utility may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment. Until such approval is obtained, in making the calculations of fuel cost (F) in subsection (2)(a) and (b) above, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation.
4. Sales (S) shall be all kWh sold, excluding inter-system sales. Where, for any reason, billed system sales cannot be coordinated with fuel costs for the billing period, sales may be equated to the sum of (i) generation, (ii) purchases, (iii) interchange in, less (iv) energy associated with pumped storage operations, less (v) inter-system sales referred to in subsection (2)(d) above, less (vi) total system losses. Utility used energy shall not be excluded in the determination of sales (S).
5. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of the fuel itself and necessary charges for transportation of the fuel from the point of acquisition to the unloading point, as listed in Account 151 of FERC Uniform System of Accounts for Public Utilities and Licensees.
6. Base (b) period shall be ~~December-February 2019~~February 1, 2020-September 1, 2021, and the base fuel factor is ~~\$0.023950~~\$0.02452 per kWh. T/R
7. Current (m) period shall be the second month preceding the month in which the Fuel Clause Adjustment Factor is billed.

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**Issued by Authority of an Order of the  
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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 5  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 5

Fackler

**Standard Rate****RS****Residential Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for single-phase secondary delivery to single family residential service subject to the terms and conditions on Sheet No. 100 of this Tariff. Three-phase service under this rate schedule is restricted to those Customers being billed on this rate schedule as of July 1, 2004.

**RATE**

Basic Service Charge per day: \$0.53

Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.05886	\$0.03020	\$0.08906	R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Home Energy Assistance Program	Sheet No. 92
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**LATE PAYMENT CHARGE**

If full payment is not received by the due date of the bill, a 3% late payment charge will be assessed on the current month's charges. Residential Customers who receive a pledge for or notice of low income energy assistance from an authorized agency will not be assessed or required to pay a late payment charge for the bill for which the pledge or notice is received, nor will they be assessed or required to pay a late payment charge in any of the eleven (11) months following receipt of such pledge or notice. Beginning May 1, 2019, Residential Service Customers in good standing by not having been assessed a Late Payment Charge for the previous eleven (11) months have the option of waiving one (1) late payment charge upon request. This option may only be used once every twelve (12) months as long as the Customer remains in good standing.

**TERMS AND CONDITIONS**

Service will be furnished under Company's Terms and Conditions applicable hereto.

**DATE OF ISSUE:** March 22, 2021

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State Regulation and Rates  
Lexington, Kentucky

**Issued by Authority of an Order of the  
Public Service Commission in Case No.  
2021-00055 dated XXXX**

**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 6  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 6

Fackler

**Standard Rate****RTOD-Energy****Residential Time-of-Day Energy Service****APPLICABLE**

In the territory served.

**AVAILABILITY**

Available as an option to Customers otherwise served under Rate RS.

1. Service under this rate schedule is limited to a maximum of five hundred (500) Customers taking service on Rates RTOD-Energy and RTOD-Demand combined that are eligible for Rate RS. Company will accept Customers on a first-come-first-served basis.
2. This service is also available to Customers on Rate GS (where the Rate GS service is used in conjunction with a Rate RS service to provide service to a detached garage and energy usage is no more than 300 kWh per month) who demonstrate power delivered to such detached garage is consumed, in part, for the powering of low emission vehicles licensed for operation on public streets or highways. Such vehicles include:
  - a) battery electric vehicles or plug-in hybrid electric vehicles recharged through a charging outlet at Customer's premises,
  - b) natural gas vehicles refueled through an electric-powered refueling appliance at Customer's premises.
3. A Customer electing to take service under this rate schedule who subsequently elects to take service under Rate RS may not be allowed to return to this optional rate for twelve (12) months from the date of exiting this rate schedule.

**RATE**

Basic Service Charge per day:	\$0.53			
Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
Off-Peak Hours:	\$0.02683	\$0.03020	\$0.05703	R/R
On-Peak Hours:	\$0.24465	\$0.03020	\$0.27485	R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Home Energy Assistance Program	Sheet No. 92
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

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State Regulation and Rates  
Lexington, Kentucky

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 2021-00055 dated XXXX**

**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 7  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 7

Fackler

**Standard Rate****RTOD-Demand****Residential Time-of-Day Demand Service****APPLICABLE**

In the territory served.

**AVAILABILITY**

Available as an option to Customers otherwise served under Rate RS.

1. Service under this rate schedule is limited to a maximum of five-hundred (500) Customers taking service on Rates RTOD-Demand and RTOD-Energy combined that are eligible for Rate RS. Company will accept Customers on a first-come-first-served basis.
2. This service is also available to Customers on Standard Rate GS (where the Rate GS service is used in conjunction with a Rate RS service to provide service to a detached garage and energy usage is no more than 300 kWh per month) who demonstrate power delivered to such detached garage is consumed, in part, for the powering of low emission vehicles licensed for operation on public streets or highways. Such vehicles include:
  - a. battery electric vehicles or plug-in hybrid electric vehicles recharged through a charging outlet at Customer's premises,
  - b. natural gas vehicles refueled through an electric-powered refueling appliance at Customer's premises.
3. A Customer electing to take service under this rate schedule who subsequently elects to take service under Rate RS may not be allowed to return to this optional rate for twelve (12) months from the date of exiting this rate schedule.

**RATE**

Basic Service Charge per day:	\$0.53			
Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	R/R
	\$0.01276	\$0.03020	\$0.04296	
Plus a Demand Charge per kW:				
Base Hours:	\$3.44			
Peak Hours:	\$8.90			

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Home Energy Assistance Program	Sheet No. 92
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

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State Regulation and Rates  
Lexington, Kentucky

**Issued by Authority of an Order of the  
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 2021-00055 dated XXXX**

**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 9  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 9

Fackler

**Standard Rate****VFD****Volunteer Fire Department Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for single-phase delivery, in accordance with the provisions of KRS 278.172, to any volunteer fire department qualifying for aid under KRS 95A.262. Service under this rate schedule is at the option of Customer with Customer determining whether service will be provided under this schedule or any other schedule applicable to this load.

**DEFINITION**

To be eligible for this rate a volunteer fire department is defined as:

- 1) having at least 12 members and a chief;
- 2) having at least one firefighting apparatus; and
- 3) half the members must be volunteers.

**RATE**

Basic Service Charge per day:	\$0.53			
Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.05886	\$0.03020	\$0.08906	R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**LATE PAYMENT CHARGE**

If full payment is not received by the due date of the bill, a 3% late payment charge will be assessed on the current month's charges.

**TERMS AND CONDITIONS**

Service will be furnished under Company's Terms and Conditions applicable hereto.

**DATE OF ISSUE:** March 22, 2021

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 State Regulation and Rates  
 Lexington, Kentucky

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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 10  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 10

Fackler

**Standard Rate****GS****General Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

To general lighting and small power loads for secondary service.

Service under this schedule will be limited to Customers whose twelve (12) month-average monthly maximum loads do not exceed 50 kW. Existing Customers with twelve (12) month-average maximum monthly loads exceeding 50 kW who were receiving service under P.S.C. 13, Fourth Revision of Original Sheet No. 10 as of February 6, 2009, will continue to be served under this rate at their option. If Customer is taking service under this rate schedule and subsequently elects to take service under another rate schedule, Customer may not again take service under this rate schedule unless and until Customer meets the Availability requirements that would apply to a new Customer.

**RATE**

Basic Service Charge per day: \$1.04 single-phase service  
 \$1.66 three-phase service

Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.08111	\$0.03057	\$0.11168	R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**DETERMINATION OF LOAD**

Service hereunder will be metered except when, by mutual agreement of Company and Customer, an unmetered installation will be more satisfactory from the standpoint of both parties. In the case of unmetered service, billing will be based on a calculated consumption taking into account the types of equipment served.

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**Kentucky Utilities Company**

P.S.C. No. 19, Second Revision of Original Sheet No. 12  
 Canceling P.S.C. No. 19, First Revision of Original Sheet No. 12

Fackler

**Standard Rate****AES****All Electric School****APPLICABLE**

In all territory served.

**AVAILABILITY**

Service under this rate is available for secondary and primary service to:

1. a complex of school buildings on a central campus;
2. an individual school building; or
3. an addition to an existing school building.

School buildings, as referred to herein, shall be defined as buildings used as classrooms, laboratories, gymnasiums, libraries, cafeterias, school related offices or for other bona fide school purposes by duly constituted school authorities of Kentucky. Served electrically by Kentucky Utilities Company, such energy requirements include, but are not limited to, lighting, heating, cooling, and water heating. School buildings not receiving every energy requirement electrically shall be separately metered from the above defined service and served under the applicable rate. Other fuels may be used as incidental to and for instructional laboratory and other miscellaneous purposes without affecting the availability of this rate.

At those locations where the school owns its distribution system and makes the service connections to the various buildings and/or load centers, Company shall be given the option of providing service by use of the existing Customer-owned distribution system, or of constructing its own facilities in accordance with Company's Overhead Construction Standards. In any event, Company's investment in the facilities it provides may be limited to an amount not exceeding twice the estimated annual revenue from Customer's service. Should Company's investment in the facilities required to provide service to Customer exceed twice the revenue anticipated from the service to Customer and at Customer's option, Customer may make a contribution for the difference in the investment required in facilities necessary to provide service and twice the anticipated revenue, so as to receive service under this schedule.

This rate schedule is not available to privately operated kindergartens or daycare centers and is restricted to those Customers who were qualified for and being served on Rate AES as of July 1, 2011. Because this rate schedule is closed to new Customers, if Customer is taking service under this rate schedule and subsequently elects to take service under another rate schedule, Customer may not again take service under this rate schedule.

**RATE**

Basic Service Charge per day:	\$	2.80 single-phase service
	\$	4.60 three-phase service

Plus an Energy Charge per kWh:	Infrastructure	Variable	Total	
	\$0.05638	\$0.03037	\$0.08675	R/R

"Variable" shall be the rate comprised of costs, such as fuel, that fluctuate with the production of energy used by customers.

"Infrastructure" shall be the rate comprised of costs associated with meeting system demand that do not fluctuate directly with energy usage as well as the portion of fixed customer-related expenses not recovered in the Basic Service Charge.

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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 15  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 15

Fackler

**Standard Rate**

**PS**  
**Power Service**

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for secondary or primary service and limited to Customers whose twelve (12) month-average monthly minimum secondary loads exceed 50 kW and whose twelve (12) month-average monthly maximum loads do not exceed 250 kW. Secondary or primary Customers receiving service under P.S.C. 13, Fourth Revision of Original Sheet No. 20, Large Power Service, or Fourth Revision of Original Sheet No. 30, Mine Power Service, as of February 6, 2009, with loads not meeting these criteria will continue to be served under this rate at their option. If Customer is taking service under this rate schedule and subsequently elects to take service under another rate schedule, Customer may not again take service under this rate schedule unless and until Customer meets the Availability requirements that would apply to a new Customer.

<b>RATE</b>	Secondary	Primary	
Basic Service Charge per day:	\$2.96	\$7.89	
Plus an Energy Charge per kWh:	\$0.03192	\$0.03133	R/R
Plus a Demand Charge per kW:			
Summer Rate:			
(Five Billing Periods of May through September)	\$22.77	\$22.84	
Winter Rate:			
(All other months)	\$20.39	\$20.50	

Where the monthly billing demand is the greater of:

- the maximum measured load in the current billing period but not less than 50 kW for secondary service or 25 kW for primary service, or
- a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, or
- if applicable, a minimum of 60% of the contract capacity based on the maximum expected load on the system or on facilities specified by Customer.

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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 20  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 20

Fackler

**Standard Rate****TODS****Time-of-Day Secondary Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for secondary service to Customers whose twelve (12) month-average monthly minimum loads exceed 250 kVA, and whose twelve (12) month-average monthly maximum loads do not exceed 5,000 kVA.

**RATE**

Basic Service Charge per day: \$6.58

Plus an Energy Charge per kWh: \$0.02601

R

Plus a Maximum Load Charge per kVA:

Peak Demand Period: \$8.79

Intermediate Demand Period: \$7.07

Base Demand Period: \$1.75

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 250 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

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P.S.C. No. 19, Third Revision of Original Sheet No. 22  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 22

Fackler

**Standard Rate****TODP****Time-of-Day Primary Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for primary service to Customers whose twelve (12) month-average monthly minimum demands exceed 250 kVA, and whose new or additional load receives any required approval of Company's transmission operator.

**RATE**

Basic Service Charge per day: \$10.84

Plus an Energy Charge per kWh: \$0.02516

R

Plus a Maximum Load Charge per kVA:

Peak Demand Period: \$8.52

Intermediate Demand Period: \$6.84

Base Demand Period: \$2.03

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 250 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**DATE OF ISSUE:** March 22, 2021**DATE EFFECTIVE:** With Service Rendered  
On and After September 1, 2021**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
State Regulation and Rates  
Lexington, Kentucky

**Issued by Authority of an Order of the  
 Public Service Commission in Case No.  
 2021-00055 dated XXXX**

**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 25  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 25

Fackler

**Standard Rate****RTS****Retail Transmission Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for transmission service to any Customer: (1) who has a twelve (12) month-average monthly minimum demand exceeding 250 kVA; and (2) whose new or additional load receives any required approval of Company's transmission operator.

**RATE**

Basic Service Charge per day:	\$49.28
Plus an Energy Charge per kWh:	\$0.02456
Plus a Maximum Load Charge per kVA:	
Peak Demand Period:	\$8.39
Intermediate Demand Period:	\$6.74
Base Demand Period:	\$1.23

R

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 250 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 30  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 30

Fackler

**Standard Rate****FLS****Fluctuating Load Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available for primary or transmission service to Customers up to an aggregate of two hundred (200) MVA for all Customers taking service under this schedule and under the Fluctuating Load Service Rate FLS schedule of Louisville Gas and Electric Company. This schedule is restricted to individual Customers whose monthly demand is twenty (20) MVA or greater. A Customer is defined as a fluctuating load if that Customer's load either increases or decreases twenty (20) MVA or more per minute or seventy (70) MVA or more in ten (10) minutes when such increases or decreases exceed one (1) occurrence per hour during any hour of the billing month.

Subject to the above aggregate limit of two hundred (200) MVA, this schedule is mandatory for all Customers whose load is defined as fluctuating and not served on another rate schedule as of July 1, 2004.

**BASE RATE**

	<u>Primary</u>	<u>Transmission</u>	
Basic Service Charge per day:	\$10.84	\$49.28	
Plus an Energy Charge per kWh:	\$0.02516	\$0.02456	R/R
Plus a Maximum Load Charge per kVA:			
Peak Demand Period:	\$7.66	\$4.42	
Intermediate Demand Period:	\$6.06	\$3.22	
Base Demand Period:	\$2.30	\$1.27	

Where:

the monthly billing demand for the Peak and Intermediate Demand Periods is the greater of:

1. the maximum measured load in the current billing period, or
2. a minimum of 50% of the highest measured load in the preceding eleven (11) monthly billing periods, and

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the current billing period but not less than 20,000 kVA, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

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**Kentucky Utilities Company**

P.S.C. No. 19, Second Revision of Original Sheet No. 35  
 Canceling P.S.C. No. 19, First Revision of Original Sheet No. 35

Fackler

**Standard Rate**

**LS**  
**Lighting Service**

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available under the conditions set out hereinafter for lighting applications such as, but not limited to, the illumination of streets, driveways, yards, lots, and other outdoor areas where secondary voltage of 120/240 is available.

Service will be provided under written contract, signed by Customer prior to service commencing, when additional facilities are required.

**OVERHEAD SERVICE**

Based on Customer's lighting choice, Company will furnish, own, install, and maintain the lighting unit. A basic overhead service includes lamp, fixture, photoelectric control, mast arm, and, if needed, up to 150 feet of conductor per fixture on existing wood poles (fixture only).

**RATE**

<b>Rate Code</b>	<b>Type of Fixture</b>	<b>Lumen Range</b>	<b>kW Per Light</b>	<b>Monthly Charge Fixture Only</b>	
<b>Light Emitting Diode (LED)</b>					
390	Cobra Head	6,000-8,200	0.071	\$ 9.91	R
391	Cobra Head	13,000-16,500	0.122	\$11.96	R
392	Cobra Head	22,000-29,000	0.194	\$15.18	R
393	Open Bottom	4,500-6,000	0.048	\$ 8.56	R
KC1	Cobra Head	2,500-4,000	0.022	\$ 8.67	
KF1	Directional (Flood)	4,500-6,000	0.030	\$11.27	R
KF2	Directional (Flood)	14,000-17,500	0.096	\$13.08	R
KF3	Directional (Flood)	22,000-28,000	0.175	\$15.46	R
KF4	Directional (Flood)	35,000-50,000	0.297	\$22.14	R

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P.S.C. No. 19, Second Revision of Original Sheet No. 35.1  
 Canceling P.S.C. No. 19, First Revision of Original Sheet No. 35.1

Fackler

Standard Rate

**LS**  
**Lighting Service**

**UNDERGROUND SERVICE**

Based on Customer's lighting choice, Company will furnish, own, install, and maintain poles, fixtures, and any necessary circuitry up to 200 feet. All poles and fixtures furnished by Company will be standard stocked materials. Company may decline to install equipment and provide service thereto in locations deemed by Company as unsuitable for underground installation.

**RATE**

<b>Rate Code</b>	<b>Type of Fixture</b>	<b>Lumen Range</b>	<b>kW Per Light</b>	<b>Fixture Charge</b>	
<b>Light Emitting Diode (LED)</b>					
KC2	Cobra Head	2,500-4,000	0.022	\$ 4.00	
396	Cobra Head	6,000-8,200	0.071	\$ 5.23	R
397	Cobra Head	13,000-16,500	0.122	\$ 7.28	R
398	Cobra Head	22,000-29,000	0.194	\$10.50	R
399	Colonial, 4-Sided	4,000-7,000	0.044	\$ 7.40	R
KA1	Acorn	4,000-7,000	0.040	\$ 8.82	R
KN1	Contemporary	4,000-7,000	0.057	\$ 6.86	R
KN2	Contemporary	8,000-11,000	0.087	\$ 7.98	R
KN3	Contemporary	13,500-16,500	0.143	\$ 9.71	R
KN4	Contemporary	21,000-28,000	0.220	\$14.09	R
KN5	Contemporary	45,000-50,000	0.380	\$21.25	R
KF5	Directional (Flood)	4,500-6,000	0.030	\$ 8.16	R
KF6	Directional (Flood)	14,000-17,500	0.096	\$ 9.98	R
KF7	Directional (Flood)	22,000-28,000	0.175	\$12.35	R
KF8	Directional (Flood)	35,000-50,000	0.297	\$19.03	R

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P.S.C. No. 19, Third Revision of Original Sheet No. 35.2  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 35.2

Fackler

**Standard Rate**

**LS  
Lighting Service**

**RATE (continued)**

<b>Rate Code</b>	<b>Type of Fixture</b>	<b>Lumen Range</b>	<b>kW Per Light</b>	<b>Monthly Charge</b>	
<b>High Pressure Sodium</b>					
414	Victorian*	5,800	0.083	\$35.67	R
415	Victorian*	9,500	0.117	\$35.83	R

Units marked with an asterisk (\*) are non-LED offerings.

Colonial and Acorn "Post Top" lights must include one of two pole options, a Decorative Smooth pole or a Historic Fluted pole. Underground fed Cobra and Contemporary LEDs must include a Cobra pole charge or Contemporary pole charge, respectively. The Underground fed Directional (Flood) LEDs must include a Cobra or Contemporary pole charge.

**Pole Charges**

<b>Rate Code</b>	<b>Pole Type</b>	<b>Monthly Pole Charge</b>
PK1	Cobra	\$12.12
PK2	Contemporary	\$11.64
PK3	Post Top – Decorative Smooth	\$ 8.01
PK4	Post Top – Historic Fluted	\$15.02

**CONVERSION FEE**

Customer will be required to pay a monthly conversion fee for 60 months if Customer requests to change current functioning non-LED fixture to an LED fixture. This conversion fee represents the remaining book value of the current working non-LED fixture.

Conversion Fee: \$6.03 per month for 60 months

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P.S.C. No. 19, Third Revision of Original Sheet No. 36  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 36

Fackler

**Standard Rate****RLS****Restricted Lighting Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Availability is restricted to those lighting fixtures/poles in service as of January 1, 2013, except where a spot replacement maintains the continuity of multiple fixtures/poles in a neighborhood lighting system or continuity is desired for a subdivision being developed in phases. Spot placement of restricted fixtures/poles is contingent on the restricted fixtures/poles being available from manufacturers. Spot replacement of restricted units will be made under the terms and conditions provided for under non-restricted Lighting Service Rate LS. Spot replacements will not be available for Mercury Vapor and Incandescent rate codes.

In the event restricted fixtures/poles fail and replacements are unavailable, Customer will be given the choice of having Company remove the failed fixture/pole or replacing the failed fixture/pole with other available fixture/pole.

Units marked with an asterisk (\*) are not available for use in residential neighborhoods except by municipal authorities.

**OVERHEAD SERVICE**

Based on Customer's lighting choice, Company has furnished, installed, and maintained the lighting unit complete with lamp, fixture, photoelectric control, mast arm, and, if needed, up to 150 feet of conductor per fixture on existing wood poles (fixture only).

RATE	Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Monthly Charge		
					Fixture Only	Fixture and Pole	
<b>High Pressure Sodium</b>							
	461/471	Cobra Head	4,000	0.060	\$ 9.41	\$ 12.86	R/R
	462/472	Cobra Head	5,800	0.083	10.51	14.32	R/R
	463/473	Cobra Head	9,500	0.117	10.85	14.88	R/R
	464/474	Cobra Head	22,000*	0.242	16.81	21.13	R/R
	465/475	Cobra Head	50,000*	0.471	26.48	29.36	R/R
	409	Cobra Head	50,000	0.471	14.49		R
	426	Open Bottom	5,800	0.083	9.14		R
	428	Open Bottom	9,500	0.117	9.32		R
	487	Directional (Flood)	9,500	0.117	10.69		R
	488	Directional (Flood)	22,000*	0.242	16.14		R
	489	Directional (Flood)	50,000*	0.471	22.67		R

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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 36.1  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 36.1

Fackler

**Standard Rate**

**RLS**  
**Restricted Lighting Service**

**OVERHEAD SERVICE (continued)**

RATE Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Monthly Charge		
				Fixture Only	Fixture and Pole	
<b>Metal Halide</b>						
450/454	Directional (Flood)	12,000*	0.150	\$17.07	\$22.02	R/R
455	Directional (Flood)	32,000*	0.350		28.74	R
452/459	Directional (Flood)	107,800*	1.080	49.05	53.99	R/R
451	Directional (Flood)	32,000*	0.350	23.79		R
<b>Mercury Vapor</b>						
446/456	Cobra Head	7,000	0.207	\$11.57	\$13.83	R/R
447/457	Cobra Head	10,000	0.294	13.63	15.54	R/R
448/458	Cobra Head	20,000	0.453	14.79	17.36	R/R
404	Open Bottom	7,000	0.207	12.30		R
<b>Incandescent</b>						
421	Tear Drop	1,000	0.102	\$ 3.94		R
422	Tear Drop	2,500	0.201	5.09		R
424	Tear Drop	4,000	0.327	7.76		R
425	Tear Drop	6,000	0.447	10.10		R

Where the location of existing poles was not suitable, or where there were no existing poles for mounting of lights, and Customer requested service under these conditions, Company may have furnished the requested facilities at an additional charge determined under the Excess Facilities Rider.

**UNDERGROUND SERVICE**

Based on Customer's lighting choice, Company has furnished, installed, and maintained the lighting unit complete with lamp, fixture, photoelectric control, mast arm, and, if needed, up to 200 feet of conductor per fixture on appropriate poles.

RATE Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Pole Type	Monthly Charge	
<b>Metal Halide</b>						
460	Directional (Flood)	12,000	0.150	Decorative Smooth	\$32.76	R
469	Directional (Flood)	32,000	0.350	Decorative Smooth	38.54	R
470	Directional (Flood)	107,800*	1.080	Decorative Smooth	63.55	R

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## Kentucky Utilities Company

P.S.C. No. 19, Third Revision of Original Sheet No. 36.2  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 36.2

Fackler

Standard Rate

RLS

Restricted Lighting Service

## UNDERGROUND SERVICE (continued)

## RATE

Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Pole Type	Monthly Charge	
<b>Metal Halide (continued)</b>						
490	Contemporary	12,000*	0.150	Fixture Only	\$18.45	R
491	Contemporary	32,000*	0.350	Fixture Only	\$25.74	R
493	Contemporary	107,800*	1.080	Fixture Only	\$52.82	R
494	Contemporary	12,000*	0.150	Decorative Smooth	\$32.96	R
495	Contemporary	32,000*	0.350	Contemporary	\$40.48	R
496	Contemporary	107,800*	1.080	Decorative Smooth	\$67.32	R
<b>High Pressure Sodium</b>						
440	Acorn	4,000	0.060	Decorative Smooth	\$17.02	R
410	Acorn	4,000	0.060	Historic Fluted	\$24.26	R
401	Acorn	5,800	0.083	Decorative Smooth	\$18.12	R
411	Acorn	5,800	0.083	Historic Fluted	\$25.74	R
420	Acorn	9,500	0.117	Decorative Smooth	\$18.44	R
430	Acorn	9,500	0.117	Historic Fluted	\$26.19	R
466	Colonial	4,000	0.060	Decorative Smooth	\$11.84	R
412	Coach	5,800	0.083	Decorative Smooth	\$35.66	R
413	Coach	9,500	0.117	Decorative Smooth	\$35.84	R
467	Colonial	5,800	0.083	Decorative Smooth	\$13.36	R
468	Colonial	9,500	0.117	Decorative Smooth	\$13.54	R
492	Contemporary	5,800	0.083	Fixture Only	\$18.05	R
476	Contemporary	5,800	0.083	Contemporary	\$20.38	R
497	Contemporary	9,500	0.117	Fixture Only	\$17.76	R
477	Contemporary	9,500	0.117	Contemporary	\$24.98	R
498	Contemporary	22,000*	0.242	Fixture Only	\$20.73	R
478	Contemporary	22,000*	0.242	Contemporary	\$32.16	R
499	Contemporary	50,000*	0.471	Fixture Only	\$24.96	R
479	Contemporary	50,000*	0.471	Contemporary	\$39.47	R
300	Dark Sky	4,000	0.060	Decorative Smooth	\$26.09	R
301	Dark Sky	9,500	0.117	Decorative Smooth	\$27.14	R

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Standard Rate

LE

Lighting Energy Service

**APPLICABLE**

In all territory served.

**AVAILABILITY**

Available to municipalities, county governments, divisions or agencies of the state or Federal governments, civic associations, and other public or quasi-public agencies for service to public street and highway lighting systems, where the municipality or other agency owns and maintains all street lighting equipment and other facilities on its side of the point of delivery of the energy supplied hereunder.

**RATE**

\$0.06941 per kWh

R

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**CONDITIONS OF DELIVERY**

1. Service hereunder will be metered except when, by mutual agreement of Company and Customer, an unmetered installation will be more satisfactory from the standpoint of both parties. In the case of unmetered service, billing will be based on a calculated consumption taking into account the types of equipment served.
2. The location of the point of delivery of the energy supplied hereunder and the voltage at which such delivery is effected shall be mutually agreed upon by Company and the Customer in consideration of the type and size of Customer's street lighting system and the voltage which Company has available for delivery.

**TERMS AND CONDITIONS**

Service will be furnished under Company's Terms and Conditions applicable hereto.

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**Kentucky Utilities Company**

P.S.C. No. 19, Third Revision of Original Sheet No. 38  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 38

Fackler

**Standard Rate****TE****Traffic Energy Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available to municipalities, county governments, divisions of the state or Federal governments or any other governmental agency for service on a 24-hour all-day every-day basis, where the governmental agency owns and maintains all equipment on its side of the point of delivery of the energy supplied hereunder. In the application of this rate each point of delivery will be considered as a separate Customer.

This service is limited to traffic control devices including, but not limited to, signals, cameras, or other traffic lights, electronic communication devices, emergency sirens, and gunshot triangulation devices.

**RATE**

Basic Service Charge per day: \$0.13 per delivery point

Plus an Energy Charge per kWh: \$0.08632

R

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
Environmental Cost Recovery Surcharge	Sheet No. 87
Franchise Fee	Sheet No. 90
School Tax	Sheet No. 91

**MINIMUM CHARGE**

The Basic Service Charge shall be the minimum charge.

**DUE DATE OF BILL**

Customer's payment will be due within sixteen (16) business days (no less than twenty-two (22) calendar days) from the date of the bill.

**CONDITIONS OF SERVICE**

1. Service hereunder will be metered except when, by mutual agreement of Company and Customer, an unmetered installation will be more satisfactory from the standpoint of both parties. In the case of unmetered service, billing will be based on a calculated consumption, taking into account the size and characteristics of the load, or on meter readings obtained from a similar installation.

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P.S.C. No. 19, Third Revision of Original Sheet No. 81  
 Canceling P.S.C. No. 19, Second Revision of Original Sheet No. 81

Fackler

**Standard Rate Pilot****OSL****Outdoor Sports Lighting Service****APPLICABLE**

In all territory served.

**AVAILABILITY**

Available as an optional pilot program for secondary and primary service used by a Customer for lighting specifically designed for outdoor fields which are normally used for organized competitive sports. Service under this rate schedule is limited to a maximum of twenty Customers. Company will accept Customers on a first-come-first-served basis.

**RATE**

Basic Service Charge per day:	Secondary \$2.96	Primary \$7.89	
Plus an Energy Charge per kWh of:	\$0.03192	\$0.02975	R/R
Plus a Maximum Load Charge per kW of:			
Peak Demand Period .....	\$24.17	\$20.04	
Base Demand Period .....	\$2.02	\$2.03	

Where:

the monthly billing demand for the Peak Demand Period is the greater of:

1. the maximum measured load in the billing period, or
2. a minimum of 50% of the highest billing demand in the preceding eleven (11) monthly billing periods.

the monthly billing demand for the Base Demand Period is the greater of:

1. the maximum measured load in the billing period, or
2. the highest measured load in the preceding eleven (11) monthly billing periods, or
3. if applicable, the contract capacity based on the maximum load expected on the system or on facilities specified by Customer.

**ADJUSTMENT CLAUSES**

The bill amount computed at the charges specified above shall be increased or decreased in accordance with the following:

Demand-Side Management Cost Recovery Mechanism	Sheet No. 86
Fuel Adjustment Clause	Sheet No. 85
Off-System Sales Adjustment Clause	Sheet No. 88
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**Kentucky Utilities Company**

P.S.C. No. 19, Second Revision of Original Sheet No. 85.1  
 Canceling First Revision of P.S.C. No. 19, Original Sheet No. 85.1

Fackler

**Adjustment Clause****FAC****Fuel Adjustment Clause**

3. Forced Outages are all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection or acts of the public enemy, then the utility may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment. Until such approval is obtained, in making the calculations of fuel cost (F) in subsection (2)(a) and (b) above, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation.
4. Sales (S) shall be all kWh sold, excluding inter-system sales. Where, for any reason, billed system sales cannot be coordinated with fuel costs for the billing period, sales may be equated to the sum of (i) generation, (ii) purchases, (iii) interchange in, less (iv) energy associated with pumped storage operations, less (v) inter-system sales referred to in subsection (2)(d) above, less (vi) total system losses. Utility used energy shall not be excluded in the determination of sales (S).
5. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of the fuel itself and necessary charges for transportation of the fuel from the point of acquisition to the unloading point, as listed in Account 151 of FERC Uniform System of Accounts for Public Utilities and Licensees.
6. Base (b) period shall be February 2019, and the base fuel factor is \$0.02395 per kWh. T/R
7. Current (m) period shall be the second month preceding the month in which the Fuel Clause Adjustment Factor is billed.

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**DATE OF ISSUE:** March 22, 2021

**DATE EFFECTIVE:** With Service Rendered  
 On and After September 1, 2021

**ISSUED BY:** /s/ Robert M. Conroy, Vice President  
 State Regulation and Rates  
 Lexington, Kentucky

**Issued by Authority of an Order of the  
 Public Service Commission in Case No.  
 2021-00055 dated XXXX**

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 28**

**Responding Witness: Stuart A. Wilson**

Q-28. For the years ending October 31, 2019, and October 31, 2020, provide:

- a. Maximum annual system demand; and
- b. Average annual demand.

A-28.

Year Ending	(a) KU Maximum Annual System Demand (MW)	(b) KU Average Annual Demand <sup>4</sup> (MW)
October 31, 2019	4,352	2,408
October 31, 2020	3,693	2,173

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<sup>4</sup> Average demand is calculated as the year ending energy divided by the hours per year.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 29**

**Responding Witness: Andrea M. Fackler**

Q-29.

- a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2018 through October 2020.
- b. Describe the actions that KU has taken to reduce line loss during this period.

A-29.

- a. See attached.
- b. KU's transmission and distribution systems are constantly being expanded and upgraded to provide reliable electric service. All enhancements contribute to a system that will operate with potentially fewer line losses. New line construction and transformer additions provide facilities which may reduce the current in existing facilities, thus allowing power the path of least resistance. Replacing existing conductors with large conductors or replacing existing transformers with larger transformers also reduce the resistance. Adding capacitors near the load reduces system reactive power (VAR) requirements and line and transformer currents. Any reduction in current and/or resistance results in reduced losses. The Company's planning and design objective is to provide a reliable transmission and distribution system at a reasonable cost. For transmission and distribution, the cost for losses are evaluated as outlined below.

Transmission

The cost of transmission line losses is included in the economic analysis when evaluating the cost of alternative projects. The costs of core and copper losses are incorporated into the selection of all transmission transformers.

Distribution

Losses are evaluated in the selection of standard line materials (cables, wires, distribution transformers, etc.) and distribution substation transformers. Total ownership cost, which includes the cost of no-load, load and auxiliary losses, is incorporated into the selection of distribution and substation transformers.



**Kentucky Utilities Company**

**12 Month Average Line Loss**  
**November 2018 to October 2020**

Line	Month	12 Months to Date kWh Sources	12 Months to Date Overall System Losses	12 Months End Percent Losses	Current Month kWh Sources	Current Month Calculated System Losses (kWh)
a	b	c	d	e (d / c)	f	g (e * f)
1	Nov-18	23,107,241,000	1,381,068,126	5.976776%	1,849,070,000	110,514,772
2	Dec-18	22,963,086,000	1,356,229,739	5.906130%	1,887,673,000	111,488,421
3	Jan-19	22,606,377,000	1,331,816,812	5.891332%	2,168,188,000	127,735,153
4	Feb-19	22,625,274,000	1,331,350,183	5.884349%	1,750,735,000	103,019,357
5	Mar-19	22,629,687,000	1,336,152,961	5.904425%	1,850,722,000	109,274,492
6	Apr-19	22,503,090,000	1,312,151,220	5.830982%	1,514,949,000	88,336,403
7	May-19	22,248,653,000	1,326,493,705	5.962130%	1,602,504,000	95,543,372
8	Jun-19	22,000,125,000	1,287,970,020	5.854376%	1,680,928,000	98,407,845
9	Jul-19	21,939,218,000	1,272,428,965	5.799792%	1,970,890,000	114,307,521
10	Aug-19	21,801,385,456	1,284,048,134	5.889755%	1,891,324,456	111,394,377
11	Sep-19	21,738,012,776	1,281,397,645	5.894732%	1,789,161,320	105,466,265
12	Oct-19	21,442,284,175	1,280,339,116	5.971095%	1,486,108,302	88,736,939
13	Nov-19	21,291,613,378	1,285,433,088	6.037274%	1,698,399,203	102,537,013
14	Dec-19	21,123,672,407	1,286,724,478	6.091386%	1,719,732,029	104,755,516
15	Jan-20	20,753,129,481	1,239,052,023	5.970435%	1,797,645,074	107,327,231
16	Feb-20	20,718,277,240	1,223,338,010	5.904632%	1,715,882,759	101,316,562
17	Mar-20	20,362,116,026	1,212,918,032	5.956739%	1,494,560,786	89,027,085
18	Apr-20	20,117,518,510	1,164,521,156	5.788592%	1,270,358,159	73,535,851
19	May-20	20,055,860,880	1,172,360,066	5.845474%	1,540,846,370	90,069,774
20	Jun-20	20,127,189,465	1,173,066,401	5.828267%	1,752,300,276	102,128,739
21	Jul-20	20,279,916,297	1,185,594,368	5.846150%	2,123,616,832	124,149,825
22	Aug-20	20,296,494,456	1,189,039,771	5.858350%	1,907,944,343	111,774,057
23	Sep-20	20,058,379,686	1,152,503,501	5.745746%	1,551,035,919	89,118,584
24	Oct-20	20,007,505,650	1,117,194,410	5.583877%	1,435,234,266	80,141,716

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 30**

**Responding Witness: Delbert Billiter / Stuart A. Wilson**

Q-30. Provide the most recent projected fuel requirements for the years 2021 and 2022 in tons for coal, MMBtu for natural gas, and dollars.

A-30. Projected coal purchases in KU's 2021 Business Plan:

	<u>Tons</u>	<u>Dollars</u>
2021	6,493,907	\$297,765,539
2022	6,238,946	\$291,056,835

Projected natural gas purchases in KU's 2021 Business Plan:

	<u>MMBtu</u>	<u>Dollars</u>
2021	37,816,077	\$120,973,258
2022	39,031,294	\$118,032,053

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 31**

**Responding Witness: Andrea M. Fackler / Stuart A. Wilson**

Q-31. Provide the most recent sales projections for the years 2021 and 2022 in kWh and dollars.

A-31. Projected sales to ultimate consumers in KU's 2021 Business Plan:

	Sales (kWh)	Dollars
2021	17,311,674,000	\$1,588,188,727
2022	17,438,858,000	\$1,601,932,937

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 32**

**Responding Witness: Stuart A. Wilson**

- Q-32. Provide the planned maintenance schedule for each of the generating units for the years 2021 and 2022.
- A-32. See attached. The information requested is being provided pursuant to a Petition for Confidential Treatment.

The entire attachment is  
Confidential and  
provided separately  
under seal.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 33**

**Responding Witness: Delbert Billiter / Charles R. Schram / Andrea M. Fackler**

Q-33. Identify any issues that could affect fuel costs for the two-year period that remain unresolved or unsettled. Include in the response any issues related to billings from a regional transmission operator. Consider this a continuing request to inform the Commission if KU becomes aware of any issues during the course of this proceeding.

A-33. The Company has no unresolved or unsettled issues to report.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
Dated March 4, 2021**

**Case No. 2021-00055**

**Question No. 34**

**Responding Witness: Delbert Billiter**

- Q-34. Provide the number of KU's coal purchase contracts that included transportation costs and those that did not from November 1, 2018, through October 31, 2020.
- a. Explain how it is determined whether transportation costs will be included in the coal purchase contract.
  - b. When transportation is contracted for separately from the coal contract, explain whether KU issue requests for proposals (RFP) for this service.
    1. If yes, state how often this occurs, how many vendors are included in the RFP, and how is it determined which vendors will receive the RFP.
    2. State whether KU uses or contracts with any related parties for transportation of its coal purchases. If yes, provide the name of the related party and nature of the relationship, the period it has contracted with the party and copies of any contracts with the related party if not previously filed with the Commission.
  - c. Explain in detail KU's policies and procedures for entering into transportation contracts.
- A-34. Many coal suppliers incur transportation costs in the process of mining coal and moving coal from the mine to the processing plant, and from the processing plant to the FOB Delivery Point (typically FOB railcar or FOB barge). However, it is KU's interpretation that transportation costs, in the context of this question, refer to transportation costs for the final delivery of the coal to the power generation station from the FOB Delivery Point. Using this interpretation, KU had no coal contracts, during the period November 1, 2018 to October 31, 2020, that included transportation costs.
- a. When KU solicits the market for coal, it allows suppliers to make proposals at an FOB Delivery Point of the bidder's choosing. When a supplier offers coal FOB power generation station, KU evaluates this proposal against other offers on a delivered cost basis to the power generation station. If the cost of the offer,

on a delivered basis, is lower than other options, and the supplier and their transportation provider meet all other criteria, KU would select this offer. It is rare for a supplier to offer coal on an FOB power generation station basis.

- b. When more than one transportation vendor is available, KU issues an RFP to acquire transportation services. When only one transportation vendor exists, as with E.W. Brown Generating Station, no RFP is performed.
  1. The frequency of transportation RFPs varies depending on the term of the existing contracts. KU issues RFPs before existing contracts expire to identify the best transportation option ahead of the active contracts' termination date. The number of vendors varies by the services needed, but KU includes all transportation vendors capable of providing the needed services to KU's power generation stations.
  2. KU has no transportation contracts with any related party.
- c. KU's procedures for entering into transportation contracts is outlined on page 12 of the Corporate Fuels and By-Products Procurement Procedures. The Corporate Fuels and By-Products Procurement Procedures were provided to the Commission in Case No. 2017-00284 in response to Question No. 1-15.